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orgo Cepartment.

The Rural World is the only journal in • United States having a special depart-ent decoted to syrup and sugar making

THE SORGO CONVENTION. This is the last number that will be

received by our readers before the meeting of the Mississippi Valley Cane the order. Growers' Association at St. Louis on the third of January. We do most earnestly urge all who are interested in growing sorghum, or manufacturing it into syrup er sugar, to attend this meeting. Notwithstanding the last two unexperienced again in a quarter of a century, there is nothing to discourage, but everything to encourage, the devotees of this industry. When corn and other crops fail, is it any wonder that sorgo should suffer? Yet, notwithstanding the severe drouth in this latitude, and the almost constant rain in the north during the harvesting season, the yield of syrup and sugar has been very satisfactory, and the crop has paid much better than most crops. The increased price of sorgo syrup shows the great demand for it, arising in great part, probably, from the improved methods of making it and the better quality of the ness. This we have yet to acquire syrup. But little attention has been paid to sugar making, because the syrup was pre-engaged at most satisfactory prices; but where attention was paid thirty-six thousand pounds of sugar those who have made the best progress

make the best quality of syrup and sugar, for the best commands the best whole north, there is not a man who gar, for the best commands the best price. To learn how to make the best, the annual conventions of sugar makers whole north, there is not a man who has the requisite knowledge for taking kind of jelly that inexperienced perchange of a Guba sugar house; unless sons would think was sugar. The fine the annual conventions of sugar makers should be attended, for sorgo men have no secrets. They know there is a greater demand for their produce than they can supply, and they are anxious to have the best quality produced that can be made. A few dollars invested in at the sugar house; unless there may be some one now dwelling in the north who has been educated to it on a southern plantation. Nor do we yet know whether the methods that are best for tropical cane would be best for the north who has been educated to it on a southern plantation. Nor do we yet know whether the methods that are best quality produced that can be made. A few dollars invested in at the sorgo convention at St. Louis, I quite easy to make grape sugar in vast know it will be interesting to all sorgo want, but not so easy to make that we so much want; syrup. But there is a squeamish idea be made. A few dollars invested in attending such meetings, are well expend- ness has yet to be learned. Many seri-

At the last moment all the railroads, railroad fares. Members will pay the making, renders it necessary for each be returned at reduced rates.

The headquarters of the sorgo men will be at the Laclede hotel, where badges can be procured and where the officers can be found at all times when the meeting is not in session. The Ru-RAL WORLD office will also be open to its sorgo friends and all are invited to

We hope the convention will be the largest and most profitable yet held. Hon, Seth H. Kenney's New Crop of

Having received a barrel of this and

der that our friends in the country can gusted with the business. get enough to sweeten their cakes; but

DRAWBACKS.

COL. COLMAN: In order to get the dark side all together before we begin his cane into semi-syrup for the central to look at the bright side, I will now factory to reduce to sugar. mention some of the drawbacks which favorable seasons, such as may not be the northern farmer must contend that are to be overcome in our attempt the than it is. Most of the land lays very against in his competition with the to compete with the tropical planter in well. The soil produces all kinds of tropical planter.

The next drawback that I will mention is want of knowledge of the business. Skill and experience are important factors in the success of any busi-Little or nothing definite or certain is yet known as to the best methods of making sugar from Amber cane. We one firm-Messrs. Wilhelm & Jolly, of It is true that sugar has been made Faribault, Minn.-turning out some from Amber cane in small amounts, but from fifty acres, selling at nine cents a in this direction have had to feel their pound, with a large quantity of molas- way at every step, and are yet feeling sea, bringing the highest market price. their way. We have skilled mechanics All sorgo men should be ambitious to and engineers, who are capable of taking charge of the machinery, but in the fora few weeks, will cause it to become Amber cane. In short, the whole busied. The money will come back to them ous mistakes and losses must necessariin the increased price of their products. ly occur from this want of skill. The business must be experimental for some we believe, that centre in St. Louis have years to come. The fact that there is agreed to make the usual reductions on no good treatise published on sugar usual fare to St. Louis, but by present- man in a large degree to work out his ing certificates of membership, they will own knowledge. The works of Wray, own knowledge. The works of Wray, Evans, Porter and others are 30 to 40 was old, and a long ways behind the times. There are many man in the times. There are many men in the north who have had valuable experidoubt he will succeed, if he keeps some posed to think we had too much pine to ence with the old sorghum, and they of his syrup until August. can bring that experience into use now with the Amber cane. But the best of

Right in this connection is another grain, I will add my item by stating drawback, and that is knowing too my utter failure in producing a single much. There are always a few men who gallon of syrup from seven acres of as know everything. They get a smatter- nice cane as one would wish to see-Ear-

works in Kansas. This has been boiled mill, and tinker up an evaporator for as it does most of its own skimming, in vacuum pan with copper coils, and themselves; and when the mill breaks and it is so easy to keep clean. but hardly as bright. Both are remark- natural that they should get disgusted ways. ably fine syrups, and richer in sugar with the business and abandon it as a sugar making if it becomes a secess from impurities than the Amber, it as African, Chinese Sorghum, Early Orange, Louisiana Red, Ote Heite, &c. The Ote Heite is a cane that I got from chinery and skill required. In this case the farmer will draw his cane to the Waseca, Minnesota, Dec. 13, 1881. central mill to be worked, or else work

These are some of the drawbacks GEO. L. SQUIER. Buffalo, December, 22nd 1881.

Letter to B. F. Holbrook of Jasper County. Mo.

DEAR SIR: Your sample of syrup is before me, and has some merit. It inwhich, being left in, makes the syrup foggy, and if retained in a warm place in the minds of some of onr country making (or spoiling) good syrup, rather I have experimented on quite a large than use what they call "chemicals." scale with "Early Amber" and "Hondu-If they will compare that of Messrs, ras" sugar cane. I labored under many Kenney, Bozarth, Nash, Schwarz, and difficulties from imperfect machinery, a host of others who use lime (chemi- too ripe and too green cane, but succeedcals), they will then discover their er- ed in making over 3,000 gallons of fine kind of fraud which although not necessary

Success and Failures.

phur odor, like some I have examined. ready injured the cause much and will had men to rake and burn it to get rid the government grounds till October ney has used the sulphur bath or not. If he has, he has made a success of it. If not used, he has made a success without it.

In have the satisfaction to report that one of our most extensive retail grocers has obtained a barrel also for the purpose of letting his customers (some of the first day of september, I was obtained from the sulphur bath or not. On the first day of September, I was cows had been kept for ten years, raised at the rate of 300 gallons to the acre of the finest of syrup. This year I planted on a stable yard, where cows had been kept for ten years, raised at the rate of 300 gallons to the acre of the finest of syrup. This year I planted on a stable yard, where cows had been kept for ten years, raised at the rate of 300 gallons to the acre of the finest of syrup. This year I planted on a stable yard, where cows had been kept for ten years, raised at the rate of 300 gallons to the acre of the finest of syrup. This year I planted to strip and cut my cane. Philadelphia Hydraulic Works for compared to strip and part had a volunteer stand. The woll that of steam in ordinary cows had been kept for ten years, raised at the rate of 300 gallons to the acre of the finest of syrup. This year I planted to strip and cut my cane. Philadelphia Hydraulic Works for compared to strip and cut my cane. Wy Orange cane was fully ripe enough and part had a volunteer stand. The volunteer came up about one week before the planted cane (the seed having the first day of September, I was constant the statement of the acre of the finest of syrup. This year I planted to a stable yard, where cows had been kept for ten years, raised at the rate of 300 gallons to the acre of the finest of syrup. This year I planted to a the rate of 300 gallons to the acre of the finest of syrup. This year I planted to a volunteer stand. The was I have the satisfaction to report that the finest of syrup. This year I planted to a volunteer stand. The part of the same ground on May 10th, and can not burd they be added to run seven miles at the pose of letting his customers (some of 250 gallons of syrup can be made per ped and battered out, pressed to the laid on the ground all winter), grew far them) learn the difference between the acre, and ten pounds of sugar to the ground, all inside of twenty minutes, by more luxuriantly, and commenced to pure country syrup and the mongrel gallon of syrup. This may be true in a very heavy hail storm. I worked up head about July 15th, and August 20th glucose and poor sugar house molasses exceptional cases, but the cases are exerywhere for sale. I have prevailed ceptional, and the man who goes into my neighbors, who lived outside of the planted in the spring, of same seed, thankful, we can find in a single gift of ter over a track covered with snow and on Mr. Kenney to hold back fifty bar- the business expecting such results is hail storm, just enough to try my new commenced to head. August 14th, and nature, sufficient cause for rejoicing. ice.—Philadelphia Record. rels and charge it to my account, in or- very sure to be disappointed and dis- bagasse burner, also my new American was not ripe enough to work well till An exchange says: "In its direct money evaporator, which I received from Geo. Another drawback, which many L. Squiers, of Buffalo, New York, I

Franklin County Illinois.

COL. COLMAN: It is strange to me this country is not more thickly setsupplying our market with sugar. They crops, and the climate is very mild and Journal of Chemistry: There is no The first and most obvious drawback can all of them be overcome, and will excellent for stock raising. The coun body or substance which has a distinct run the gauntlet of frost and drouth so that there are sure to be frequent bad years for this as for all other crops.

The next drawback that I will men.

The next drawback that I will men. sells from ten to twelve dollars per acre. forms have the power of producing up-

EARNST RIEDEL. Ewing College, Franklin Co., Ill

Sorgo in Ohio. COL. COLMAN: As I have not seen anything in the KURAL from this part of dicates that the soil and climate of Ohio about sorgo, I send a few lines. making sugar from Amber cane. We have yet to go over the ground that the Jasper county are well adapted to the On account of dry weather, there was center. Why bodies are sweet, sour, or ry prices; but where attention was paid have yet to go over the ground that the tropical planted early did the best. I raised have seen samples before from that planted early did the best. I raised county, showing the same result. This three varieties, Amber, Early Orange sample has been imperfectly made.
There should have been lime used in They all made good syrup, the juice aggregated, well-defined crystals, permanent under all atmospheric changes, standing at from 9 to 10 by the saccarfree the feculence in the defecation hometer. I made 2,000 gallons; I sold hometer. I made 2,000 gallons; I sold color when well refined. It is not only my syrup at 75 cents per gallon at rethe sweetness of the sugars, but one of tail, and at wholesale from 60 to 65 cents the indispensible gifts of a wise intelliper gallon, and could not near supply the demand. I take six papers and conduct the Burat. Would of more real and abundantly in the cane grown in the sides the Burat. Would of more real and abundantly in the cane grown in the sides the Burat.

Northern Cane in California.

COL. COLMAN: During the last year syrup, but made no sugar.

posed to think we had too much pipe to run through in the old beet factory we used.

country are showing up their loss or be made a great sugar producing sec-319 California St., San Francisco, Cal.

Sorgo in Iowa.

COL. COLMAN: I received from the ing of the subject, and are then forward ly Orange, and Amber. How little did I commissioner of agriculture in the put it on tap, I have passed it around to give advice on every point connected think when I read in the RURAL WORLD spring of 1880, two quarts of Honduras among good judges, and find it pro- with it. They generally push them sometime last August, a writer stating cane seed. I planted part of it on the nounced the best yet examined. It is selves forward and contrive to get a that his cane was so dried up then, that 6th day of May, 1881. On September amber in color, very bright and heavy, hearing from those who know nothing it would readily burn, that mine would 6th, 1881, it was fully ripe, although without being stringy. It has a deep on the subject, and by their foolish ad-sweet, but is not flat. It has no sul- vice lead many astray. They have al-it through the mill; yet it is a fact. I have not to have ripened the year before on was not ripe enough to work well till An exchange says: "In its direct money September 25th. Why this difference, value, and in its collateral and indirect by the editor of the Germantown Tele-

Cane in Northern Illinois.

COL. COLMAN: Having been in the by some would be preferred to Ker. down and the evaporator turns out I like my bagasse burner very much, sorgo business for about twenty years, ney's. It is a shade lighter colored, black strap instead of syrup, it is very and think it a great saving in many I thought I would give you some of my experience. In working cane I find that the Early Amber is the easiest worked, makes the best syrup of any I have yet come across. I have worked a number of different varieties, of cane as African, Chinese Sorghum, Early as African, Chinese Sorghum, Early I am satisfied that the Orange cane is that the Early Amber is the easiest than New Orleans molasses that is humbug. For making sugar with any the most profitable to raise, even in worked, makes the best syrup of any selling here for fifty-eight to sixty-five degree of success quite expensive ma- Minnesota, especially after it is accli- I have yet come across. I have worked cents per gallon, while the former I chinery is requisite. It is probable that can put on the track at the works in Kansas at fifty cents, or Kenney's in Minnesota at fifty-three cents, cash with the order.

I. A. Hedges.

I think the juice more free a number of different varieties, of cane from impurities than the Amber, it takes less boiling, and is lighter colored, yields nearly-double. Although I made the control of the cane at the control of the c

Ohio ten or twelve years ago, and is a very good variety.

If there is any gentleman who would like to exchange seed with me, I should

be very glad to hear from him. G. W. EASTMAN. Buda, Bureau Co., Ill.

Cane and Grape Sugar.

We find the following in the Boston A railroad runs through its centre. It is inhabited by very kind people. Growing wheat looks splendid. far as science is capable of explaining of brush or floating weeds. If you inthings, it often fails at the most interesting stage of inquiry and this is the case with sweets. It fails to show why a lump of sugar is sweet, and a drop of pond. The spawning will occur during vinegar or acetic acid is sour; the point the spring months, the female laying where light ceases to fall on the pathway of the investigator is that where bitter can never be known; the mystery belongs to that department of the organic not open to human research. Cane sugar, the noblest and best of all the manent under all atmospheric changes, and elegant in lustre and freedom from and this is not a little tantalizing. Grape sugar is what is known as glu-

Agricultural.

Some Queries.

reprehensible character.

COL. COLMAN: In renewing my subfrom the roots and the seeds of which the square will not become troublesome by coming the engine the air

get enough to sweeten their cakes; but I shall not have it shipped to St. Louis, but direct to the consumer, but in no case less than one barrel of fifty gallow. I make no speculation in this, and only do it to spread abroad a good article to inspire confidence. I have, in like manner, made arrangements for furnishing an excellent article from an excellent article from an excellent article from the best machinery is always.

Another drawback, which many farm-benefits, which shigher the difference, and in its collateral and indirect washington, Iowa, September 25th. Why this difference, and why, first did the cane ripen at Washington, Iowa, September 5th, when any that I was very much pleased that we world than all the other creal crops at Washington, D. C., the year before it don't wonder that Mr. Bozarth is called by Mr. Hedges the model syrup maker, and only do it to spread abroad a good article to inspire confidence. I have, in like manner, made arrangements for furnishing an excellent article from the plan of the American. One cannot syrup, if he will only keep up a good fire, which is difference, and in its collateral and indifference, benefits, grass is worth more to the Washington, Iowa, September 25th. Why in ladifference, and in its collateral and indifference, benefits, grass is worth more to the Washington, Iowa, September 25th. Also, world than all the other creal crops at Washington, Iowa, September 25th. Also, world than all the other creal crops at Washington, Iowa, September 25th. Also, world than all the other creal crops and why, first did the cane ripen at Washington, Iowa, September 25th. Also, world than all the other creal crops and only the world that we world than all the other creal crops and the world than all the other creal crops and the combined. Its direct is nothing in our did 1½ b. Sugar, ½ once of the deficience, world than all the other creal crops and 1½ on tripen tuil October 25th? Also, world than all the other creal crops and 1½ on tripen tuil October 25th? Also, world than

raised on the grass farms. The old Belgian proverb is true, "No grass, no cattle; no manure, no crops." It is sup-posed by many that only such soil sa is not fit for cultivation in the cereals

and thousands of cattle, upon which so many people depend for a living, and which go to feed so many thousands of people in this and other countries, would have never had existence. The hay crop alone is said to surpass, in money value, any other single crop in the land, and the value of the live stock, which depend upon hay and grass for food, is very nearly equal to the value of the cereals."

CARP CULTURE. By attacking a pump, propelled by is our climate. Though it has been proved that the Amber cane is as sure and safe a crop as can be raised in all the northern States, it is yet true that, like all other northern crops, it has to go into it with his eyes open, knowing like all other northern crops, it has to go into it with his eyes open, knowing like all other northern crops, it has to go into it with his eyes open, knowing like all other northern crops, it has to contend with the has to contend with the countries of the business should go into it with his eyes open, knowing like all other northern crops, it has to contend with the same throughout, by statistics and throughout, by statistics and throughout, by statistics and throughout, by statistics and throughout, and the people enjoy very good health. Prices of land are very low. Improved the throughout, and the people enjoy very good health. Sweetness sa thing does not exist. All and six to the feet deep, with water we know about it is that certain mole countries. The countries are throughout, by statistics and throughout, and the people enjoy very good health. Sweetness sa thing does not exist. All and six to the feet deep, with water we know about it is that certain mole countries. The countries are throughout, and the people enjoy very good health. Sweetness sa thing does not exist. All and the people enjoy very good health. Sweetness sa thing does not exist. All and the people enjoy very good health. Sweetness sa thing does not exist. All and the people enjoy very good health. Sweetness sa thing does not exist. All and the people enjoy very good health. Sweetness sa thing does not exist. All and the people enjoy very good health. Sweetness sa thing does not exist. All and the people enjoy very good health. Sweetness sa thing does not exist. All and the people enjoy very good health. Sweetness sa thing does not exist. All and the people enjoy very good health. Sweetness sa thing does not exis appurtenances need not exceed fifty dollars. The bottom and sides need to be cemented thoroughly. When the basin is complete, place in it a small quantity tend to raise carp, do not place other fish of a predatory character in the from 50,000 to 500,000 eggs. The eggs from 50,000 to 500,000 eggs. The eggs will adhere to whatever they touch, and will soon hatch. The green scum of a partially stagnant pond is fine food for the young fish. Mud in the tottom of the pond is beneficial. The fish will feed readily kitchen garden re use, such as cabbage, leek, lettuce, hominy, or other substances. Water seldom becomes too warm for these fish. During freezing weather, they bury themselves in the mud at the bottom of the pond. While in this condition, they should not While in this condition, they should not be disturbed.

In a pond of the given dimensions, everal thousand fish have annually several been taken. If weeds and grass grow profusely about the borders of the pond so much the better for the fish. In two years' time you can have an abundant and constant supply of sport and food and the advantage of a pond, to assist in beautifying your home.—Ex.

Compressed Air as a Motor. The People's Passenger Railway Com-

cose and this delicate organic product, pany will soon begin an extensive series elaborated from the fine juices of the of experiment with a compressed air grape in nature, is now reproduced after the coarser methods of the chemical motor, with the view of introducing aboratory. It is almost or quite a pity this new system on each of its lines, if that this new industry has sprung up satisfactory results are reached. A sinand reached such proportions in our gle car is being fitted with machinery country, for it opens the door to a new to test the ability of the motor to perform its work. If the car runs properessarily dangerous to life, is of a most ly, ten others will be supplied with engines, and a thorough test made for efficiency and economy. This system has been in use for ten years in Nantes, France; but, when and attempt was recently made to introduce it in Paris, the omnibus companies successfully I do not feel disposed to drop the scription for the RURAL WORLD for the opposed the innovation. It is the inthey can become successful sugar makthe year when the syrup makers of the the subject, for I feel that this coast can be they can be they can be come successful sugar makthey can be come successful sugar maktions that I wish you or some of your many readers' to answer. 1. I want to little difficulty. The engine and batplant some sort of trees in a fence row, tery of sixteen cylinders to contain comwith the intention of nailing on to them pressed air will be underneath the car, while in the front platform the engineer fence wire, when old enough. Now and the machinery controlling the car what I wish is the best kind of trees to will be placed. The cylinders will be plant for that purpose. Would like a charged with 100 cubic feet of air, comtree that grows rapidly, does not sprout pheres, or a pressure of 450 pounds to inch. In transmission to up all over the field. 2. I want to plant through hot water, which will further a large crop of Irish potatoes in the spring; which is the best fertilizer, bone dust, cotton seed meal, or South will be about that of steam in ordinary America is surely a blessed land. the patentee in this country expect to Without counting any of the multitude accomplish wonderful results with the

Societics.

[This Department will contain articles dethe Farmers' Alliance, the Farmers' Congre and the Anti-Monopoly Organizations.]

Rolla State Grange Resolutions. The Missonri State Grange, at its ses sion at Rolla, unanimously adopted the fol-

owing: Whereas, Colman's Rural World was one of the first papers in Missouri to espouse the grange cause, and to urge the farmers of the State to organize themselves into granges;

Whereas, It has ever been the faithful. earnest and consistent friend of the grange and of the agricultural classes of the State, sealously laboring to advance every agricul-tural interest and to elevate the profession of agriculture to a higher standard; there

solved, That the Missouri State Grange cordially indorses Colman's Rural World and recommends it to the support of the Patrons of Husbandry of the State of Missouri.

ENORMOUS BURDEN!

WHAT PRESIDENT ARTHUR SAYS. relief from their present enormous burden." "Jim" Fisk. -President Arthur, message, Dec. 6, 1881.

Listen! These are solemn words, uttered ly in discharge of a duty in regular course.

any meaning? Are we so used to lies and ners is president of the Union Pacific road. exaggeration that they shall pass for noth- He controls the great Wabash system. He ing? Did the President utter them after owns a line from the Hudson River to Boshaving written them, and finally did he send ton, and in order to secure an unbroken railthem forth to the world and give them to way connection from the northeastern to the eternal history without due reflection?

If we will go out among the masses of peo- Union, all he needs is the Delaware and ple and inquire, we shall find that not one Lackawanna system, which he can easily secure, or the Erie road, which may fall into voter in a hundred has anything like a true idea of the burden on them except as a large!

Gure, or the Erie road, which may fall into his possession before many months are over. He owns the elevated system of railways updebt to be paid hereafter. Not one voter in on which this metropolis so largely depends. But the most enormous power he wields is

trivance of tyrants, aristocrats and vile poli-of the vast capital which this man directly ticians, to gather taxes by indirection—a and indirectly controls: scheme worthy only of tyrants and slaves. Yet it is the favorite method of our Republic Missouri Pacific. .. \$30,000,000 \$24,648,000 that freemen shall pay to support their gov- Wabash...... 46,136,400 ernment by a means that admits not of their Missouri, Kansas and knowing how, when or what they ray—a means that blindfolds the taxpayer, and puts the hands of his servants into his pocket to the hands of his servants into his pocket to Union Pacific..... pay themselves. To see the indifference, ig- Union Facine. . . . norance, and apathy of the people as to what has thus been doing for twenty years past, Elevated Roads... 26,000,000 gives one small hope in popular government.

Besides the burden of taxes paid to his county and state, the citizen has to pay more article carried by rail—a large tax has been tassessed by indirection, and that if he be an exceptional traities of the country are bought and his price has been made lower in the same way. He reads of it rarely, he hears of it occasionally, he thinks of it never, he seems to grow on what it feeds. But the press, which, even if it had no public spirit should be also and to it a new in it. to believe it not at all. And yet it is gospel truth. This is the enormous burden the President refers to when he made the re-

eastern capitalists, who were manufacturing. in its columns. will record that at the very time one, and proves with what villiany govern- less and conscienceless speculator.

ments are conducted. To show how revenue increases under reduced taxes let it be stated that, in 1868, when the tax on spirits was from two dollars to fifty cents per gallon, the revenue expanded from 18 to near 60 millions. Again

manufactures as has never been equaled. We manufactured for the whole world inof for fifty million people as now. Instead of a few great overgrown establishments at a few important points, we had factories, mills, foundries, in half the counties of the north and west, and they all flourished. Yet we then had almost perfect freedom of trade—the lowest of revenue tariffs. No sooner were the present "enormous burdens" put on trade by the tariff and internal

ed and go down. The great capital only could stand the tax and compete. So it al-ways has been and will be. That "a great

tax is a great monopoly," is a great truth.

God grant that ere long the eyes of people of these states may be opened to see the wrongs, outrages, frauds, oppressions of that sum of all villainies, a protective tariff. Oregon, Mo.

JAY GOULD.

HIS VAST RAILROAD INTEREST-STOCKS AND

ception, took a similar view. Fisk has since ery patriot with intense anxiety." been killed, and no one has been bold There are two things which cannot be enough to reverse the verdict passed upon too quickly: his career while alive. But his associate survives. He is the same man to day that he severely alone which are run in the interes was during the life of his partner, and he of the monopolists. has not in any way changed his method of dealing in the securities bought and sold in the securities bought and sold in fairly and cheaply, besides extending electric the street. His manner of getting possession of Western Union, and the deals he has
land. In England both the telegraph and
telephone are constantly the Postal Benefit. made in the stocks of the Elevated roads, are telephone are operated by the Postal Depart-"It seems to me that the time has come as financially and morally objectionable as the benefits, and not the corporations. when the people may justly demand some anything he did during the life of his friend

Strange success has attended nearly all the schemes of this man. Fully one-third of the by a chief of fifty million people, deliberate- entire railway system of the country is now at his command. All the railroads in the "Enormous burden!" Have these words southwest belong to him. One of his part southwestern boundary of the Republic, "Some relief from their enormous burden." with branches to every leading city in the through his control of the entire telegraphic burden and that he is paying somewhat on account of it every day of his life.

And this is the curse of that wicked confollowing list of securities, which are known

> 46,405,000 44,898,000 25,884,000 37,450,000

61,000,000 13 968 000 Great Northern. 7,215,000 21,000,000 Western Union...

Total......\$342,640,400 \$279,668,000 But this does not tell the whole story. He than as much again to sustain the central is interested in barge lines on the Mississip government at Washington, if he be a laborer or a farmer. Nine-tenths of us seem to
think that this is paid by the states or
think that this is paid by the states or through the revenue from tobacco and spir- of course, is very great, and it is quite safe its. Very few suspect that on every pound to credit him with controlling almost absoof sugar; for every pair of boots and shoes; of sugar; for every pair of boots and shoes; every yard of cloth; every article made of tonishing concentration of power in his most cotton, wool, iron, brass or steel; on every unfit hands, Jay Gould proclaims his intenagriculturist, on every article he produces, sold. To day Jay Gould is more powerful has every journal in the country at his mer-cy. But even the boldest and most inde-Nor is the movement to reduce the tariff pendent of the leading editors of the country inspired by a desire to lift the burden off have not had the courage to say a word about the people, judging from the language of this concentration of power in most unworthe people, judging from the language of thy hands. How different is their attitude those most active. The changes made durto day from what it was when Gould and ing the past 15 years have caused the pres- Fisk were swindling the street by feeding ent tariff to be a burden upon the manufac- out Erie stock from the printing presses turers. It is pretended, in the face of all exturers. It is pretended, in the face of all ex-perience, that the present high duties pro-they are like unto sucking doves. To make assurance doubly sure in his mastery of the duce too much revenue! Now we know our newspapers, Jay Gould is determined to get taviff is protective and almost prohibitory possession of the Associated Press. That duce too much revenue! Now we allow tariff is protective and almost prohibitory possession of the Associated Frees. on very many articles, and therefore, giving organization consists of seven New York journals, which collect all the news of the distribution in and throughout An ordinary revenue tariff would have paid this country. Three of these journals are the current expenses of the war and left us openly owned by Gould or his partner, Field, without a cent of debt. Instead we had a and he is known to be negotiating for a tariff that kept foreign trade from our shores. fourth, which will give him complete control The debt shows what our revenue should of the great news agency of the country— have been, and what should have been paid in revenue went to swell princely fortunes of newspaper is dependent for all that is vital dition of their stocks, and if not amply

This vast concentration of power over all supplied with honey, to begin to feed when the nation required all its possible rev- the important interests of the country is them at once. He details his method which alone pays duty, from our shores, and we built up a few great manufacturing houscreates suspicion as to the integrity of Cabicreates suspicion as to the integrity of Cabible prices for all their necessities. It was not a blunder! It was a crime, and an awful of the nation, in the hands of one remorse-

The National Anti-Monopoly League.

when it was raised to ninety cents the reveamended copy of which, as they appear on should be provided with their winter nue fell to about 48 millions. A tax of 25 cents on spirits imposed as Prussia does her the heading of our membership rolls, we stores. I have found that about fifteen cents on spirits imposed as Prussia does her the heading of our membership rolls, we stores. I have found that about fifteen cents on spirits imposed as Prussia does her the heading of the property of the heading of the heading of the property of the heading of the property of the heading of the he w, and 5 cents on tobacco, would send herewith. The clause referring to "a pounds of a good article of A sugar is yield a much larger revenue and be no bur- free press" is so strikingly illustrated by a sufficient to carry an ordinary colony cartoon which appeared almost simultaneous. through till the warm days of spring. In the same message we read that if we had protected our navigation as wisely as we had protected our navigation as wisely as we have our manufactures it would have been that we induced the publishers to furnish that we induced the publishers to furnish better. One would suppose, to hear such some of them separately, without colors, and lowing plan: Some kind of a feeder talk as is current, that we had no manufacture we send you one of these, which we trust is necessary (and there are many kinds tures prior to our present protective tariff.

We send you one of tales, which we take in use), and it should be cheap and In 1832 Henry Clay boasted we were leading you will post up in a conspicuous in use), and it should be cheap and in 1832 Henry Clay boasted we were leading In 1832 Henry Clay boosted we were leading the world as manufacturers. From 1847 place. It is evident that the monopolists simple. For handy and rapid feeding, until 1860 was of such prosperity in our have determined not only to control the government.

> League says: "The channels of thought and the chan- in its center about four inches in di-

by Hon. David Davis, once a Judge of the vert the jar and board altogether, and Supreme Court, now a Senator of the United mouth of the jar, and you have the feed States, indicates the serious nature of the in the best possible shape to be taken by problem before us;

"The rapid growth of corporate power and the malign influence which it exerts by com-bination of the National and State Legislatures; is a well grounded cause of alarm. A BONDS BY HUNDREDS OF MILLIONS. struggle is pending in the near future between this overgrown power, with its vast of Gould and Fisk were anathematized by every one. Public opinion condemned these the one hand, and the political machinery, on ery one. Public opinion condemned these the one hand, and the people in an unorgan-men for their dishonest management of the ized condition on the other, for control of Erie railroad. The press, almost without ex- the government. It will be watched by ev

1st. Let the people support the paper which advocate their interest, and leave those

THE NATIONAL ANTI-MONOPOLY LEAGUE. L. E. CHITTENDEN, President.

Struggling for Life.

The action of the Standard Oil Company in starting a grocery store of its own in Col- Buffalo, N. Y. umbus, Miss., and by selling goods at less than cost to force the grocers of that city to that corporation. The grocers of Columbus will send either by freight or express, a bushing their oil of some other refiners than of J. W. Stubenrauch, Mexia Nurseries, Mexia the Standard, and this benificent monopoly Tex. rents a store in Columbus, fills it up with grocers until they yield and come back into "I always have Parker's the true fold. When the followers of the handy," gave their captives the choice of the sword or the acceptance of Mohammed as the true ceptance of its religion.

But the merchants and citizens of the little city of Columbus do not submit meekly tle city of Columbus do not submit meekly to the demands of the Standard, but fight spainst this modern as did the Crusader of old against the ancient Turk. When the Address, R. M. Bell. old against the ancient Turk. When the citizens had become acquainted with the true purpose of the standard grocery, they refus- PROTECTION ed to purchase goods of the unholy institu-55,518.000 tion, even if it were to their own advantage, and have nobly agreed to stand by their local merchants. This combination of merchants and their customers to fight against wearing the collar of the Standard monopoly is a queer commentary on this boasted freedon of our institutions. If merchants will not handle the oil of this monopoly, their busi ness must be ruined, and there seems to be no law in all this broad land to save them

from the threatened calamity.

When the laborers in a factory strike and will not allow other men to take their place their action is rightly condemned, and the press of our land from east to west prints homilies on the "arrogance" of labor. But when the Standard Oil Company says to the merchants of the United States, "Buy your oil of me, for I will let you buy it nowhere else," the voice of the press with a few excentions, is as dumb as before it was out spoken. Nothing is heard of the "arrogance" of monopoly, and no protest is made against the collaring of new victims. Can it be that Oil Company?"

It is to be hoped that the brave merchants of Columbus will succeed in their fight against the monstrous corporation that would crush them. The odds are great, but liberty is worth more than can be measured by dollars and cents; and he who fights for liberty is beyond the reach of bribery. American Grocer.

If You Wake up in the Morning with a bitter, bad taste in your mouth, take Simmon's Liver Regulator. It corrects the bilious stomach, sweetens the breath and

Che Apiarn.

cleanses the furred tongue.

Fall Feeding for Bees. A correspondent of the Home Jour-

nal says that the past season has been dition of their stocks, and if not amply as follows:

"Each colony should be examined, and, if out of stores, they should be fed about a pint of sweetened water every day. This should be given them in the The National Anti-Monopoly League.

Headquarters, 7 Warren St., New York.

Editor Rural World: This League has feeding should be kept up to the latter part of September, and then the colony part of September, and then the colony poses.

We build a standard circular saw mill, size we build a standard circular saw mill, size we build a standard circular saw mill, size of the hive, where other bees cannot get at it, or there will be feeding so various size—our ten, thirteen, aix feeding should be kept up to the latter part of September, and then the colony poses. upper story of the hive, where other made some additions to its declarations, an part of September, and then the colony

ernment, but the thought of the people as fruit jar and a grooved board. Cut a \$5 10 \$20 free. Ad ress, Stinson & Co., Portwell. Senator Windom in a letter to the board six or eight inches square, and land, Maine. well. Senator Windom in a letter to the board six or eight inches square, and

with a pair of compasses, strike a circle "The channels of thought and the channels of thought and the channels of the north and west, and they all flourhed. Yet we then had almost perfect freemost trade—the lowest of revenue tariffs.
o sooner were the present "enormous burens" put on trade by the tariff and internal
wenue laws, than all the small factories,
ills and foundries, breweries and distilleries

"The channels of thought and the channels of commerce thus owned and controlled
and the channels of commerce thus owned and controlled
by ope man, or by a few men, what is to retord frade—the lowest of revenue tariffs.
o sooner were the present "enormous burens" put on trade by the tariff and internal
wenue laws, than all the small factories,
the channels of thought and the channels of commerce thus owned and controlled
and the chantord deep, similar to an old fashioned
cider platform press, and then cut
grooves out to the circular trench, and
the feeder is ready. The whole thing
ing the value of all kinds of property to suit
their caprice or avarice, and thereby gathering the value of all kinds of property to suit
their caprice or avarice, and thereby gathering the value of all kinds of property to suit
their caprice or avarice, and thereby gathering the value of all kinds of property to suit
their caprice or avarice, and the chandeep, similar to an old fashioned
cider platform press, and then cut
grooves out to the circular trench, and
the feeder is ready. The whole thing
the fee

and tobacco factories began to be embarassed and go down. The great capital only could stand the tax and compete. So it always has been and will be. That "a great test to be thus bound hand and foot?"

The following extract from a letter written good grant that ere long the eyes of people who will submit without a proposition of oil-cloth, or a piece of drilling will answer, on the mouth of the jar, and inspect of the series of people who will submit without a proposition of oil-cloth, or a piece of drilling will answer, on the mouth of the jar, and inspect of the series of people who will submit without a proposition of oil-cloth, or a piece of drilling will answer, on the mouth of the jar, and inspect of the series of people who will submit without a proposition of oil-cloth, or a piece of drilling will answer, on the mouth of the jar, and inspect of the series of people who will submit without a proposition of oil-cloth, or a piece of drilling will answer, on the mouth of the jar, and inspect of the series then slide the cloth out from unde the bees. I usually feed at the entrance of the hive, placing the feeders in position just after dark in the evening and removing them early the next morning. At the start a little sirup should be strewn from the bees to the feeder, to start them, after which they will rush into the feeder like pigs into a swill pail. Keep up the feeding regularly till they are provided with sufficient winter stores. If the nights are cool, place the feeder in the upper stories of the hives. Some people seem to think that it is a risky thing to feed \$2 worth of sugar to a colony of bees. But if they give 100 per cent. profit, how then?"

Advice to Consumptivrs.

On the appearance of the first symptoms as general debility, loss of appetite, pallor, chilly sensations, followed by night-sweat and cough-prompt measures for relief restorer,—Dr. Pierce's "Golden Medical Discovery. Superior to Cod liver oil as a nutritive, and unsurpassed as a pectoral. For weak lungs, spitting of blood, and kindred affections, it has no equal. Sold by drug-gists the world over, For Dr. Pierce's pamphiet on Consumption, send two stamps to WORLD'S DISPENSABY MEDICAL ASSOCIATION.

If any of your readers wish to get son buy their oil of that company or be ruined, grow stocks of hardiest nature and free from is a fine instance of the Christian charity of all disease, let them send me \$2.50, and I had committed the awful crime of purchas- el of said seed, delivered free of charge at freight or express office at Mexis. Address

"How do you manage," said a lady to her groceries and proposes to undersell the other friend, "to appear so happy all the time?" Ginger Tonic handy," was the reply, "and thus keep my-self and family in good health. When I am Prophet were extending their conquests they well I always feel good natured." See other

Prophet. And in a like spirit the Standard Mo., breeder of Alderney or Jersey cattle Oil Company offers financial ruin or the ac- Stock for sale. Fifty head to select from. Send for catalogue.

SHEEP: 50 thoroughbred Spanish Me-

ria that people con-tinually suffer from this noxious polson FROM

MAIARIA when they least imagine it is lurking in their system. Chills and Fever, Hearache,
Intermittent Fever, General Debtity,
Bilious Fever, Lassitude,
Typhoid Fever, Rausea,

PAINFUL OFFSPRINGS OF MALARIA And have their origin in a disordered Liver, which, if not regulated in time, great sufering, wretchedness and death will ensue.

Simmons' Liver Regulator (Purely Veretable)

is absolutely certain in its remedial effects

incir use.

If taken occasionally by persons expected to Malaria, it will expel the poleon and protect them from attack.
See that you get the Gonuine in White Wrapper, with red Z, prepared only by J. H. ZELLEN & CO.

18-53

34-19

Portable Mulay Saw Mill,

It makes smooth and even lumber, leaves no subshot, and will cut any sixed log up to four feet in diameter. It may be transported from one locality to another and re-crecked ready for sawing in from two to three days, and can be made profitable in localities where there is not sufficient timber to justify the erection of a large mill. Send for descriptive circular price set at

20,000 Wilson's Albany Stawberry plants wanted by Nev. 1st. These having them for sale will state price, and address J. K. Care of Rural World, St. Louis, Mo

Epilepsy. Spasms, etc. cured by a successful treatment. For Pamphlet with teatimonials of permanent cures; address, DR. ROSS, Richard, Dr. Ross, Dr. Ross, Richard, Dr. Ross, Dr. Ross, Dr. Ross, Richard, Dr. Ross, Dr.

40 Large chromo cards, ro two alike, with name, 10e postpaid. G. I. Reed & Co., Nassau, N. Y.

\$500 a week in your own town. Terms and \$500 outfit face. Address H Hallett & Co., Portland, Maine.

EXTRA STRONG TWO-BLADE KNIFE.

BOWIE POINT BLADE.



The boss knife for farmers and mechanics. A knife for rough work, yet easy in the pocket; has no corners; every blade hand-forged and of the best steel, and will be sent to any one sending \$8.00 and eight subscribers for the RURAL WORLD—one-half of them new -for one year. The RUBAL WORLD and knife sent to one address, postage paid, for \$2.00

THE "WATERBURY."



the satisfaction expressed by the pure is most gratifying. This beautiful clock, an ornament to any oom in cottage or mansion, is given as a premium to any one who sends us twelve the best. It has an open dial plate, giving subscribers (one half new) for one year, We easy access to the regulater. It is strong and durable in all its parts, and will do good have sent out hundreds of them for premiams, some of which have been running for service for years.

To any one sending us fifteen subscribers to several years, and all keep accurate time, and the Rural World—one-half new—and \$15 we will send this watch as a premium. give unbounded satisfaction. Every one who reads this can get up the club and get this To any one sending us ten subscribers—one-half new—and \$12, we will send the excellent clock free.

\$10 SCALE FREE!



scale, nothing of the kind ever having been sold before for less than from \$8 to \$12. Every scale is perfect and will last a person's lifetime. We can furnish any of our subscribers with one of these perfect superior scribers with one of these perfect superior scribers hoved and shipped by express and my watch lot the watch writes: "Treceived my watch on the 24th and set it with a \$12 clock, scribers with one of these perfect superior gcales—boxed and shipped by express and warranted to give entire satisfaction—FREE, if he will send twelve subscribers at \$1.00 each (one-half new).

watch as a premium.

as a premium.

Many think that a watch sent as a premium— free—for a club of 15 (half new) at only \$1.00, a year, cannot amount to much, and we introduce a few testimonials from the Home and Farm, from those who have carried the same watch, as S. H. Dameron, Moss, Ala.: "I received in

This watch has been much improved, and

Winds at the stem, and keeps time with

To any one sending us five subscribers-

three new-and \$8, we will send the watch

TESTIMONIALS.

IT IS NOT A TOY.

weight from 1/2 oz. to 25 lbs.

This little scale is made with steel bearings and brass beam, and will weigh accurately any package a quarter of an ounce to twenty-five pounds. It is intended to supply the great demand for a housekeeper's

All wishing to build send 25c. for

A Home For Everybody.

Containing 46 designs for city and country Residences, School and Court Houses,

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ceries, and in fact ev-

erything that

MONARCH CORN & COB MILL, With Cast-Steel Grinders.



The most perfect mill yet invented. Warranted to grind faster, run lighter wear four! imes as long as any owner. Farmers, be not deceived.

Satisfaction guaranteed. Many thousands in use, giving perfect estatis. Wangrand Corn and Cob, Shelled Gora small grain, fine or coarse. small grain, fine or coarse.

Cider Mills, Feed Cutters, Corn Shellers and
Horse Powers, all sizes, low prices. Send for
Circulars

WHITMAN AGRICULTURAL CO.,
46 8
5t. Louis, Mo.

ESTABLISHED 1853.

WN. N. TIVY,

Our Price-List for the Fall of 1881 is now ready, and will be sent free to any address. We

sell all kinds of goods, in any quantity, ded in the home in stock at wholesale prices. Send for orthefarm lowing lines of goods, and see how and we sell of goods, and we sell we can supply cheaper than you goods, Fancy Goods, Notions, Clothing, Boots, Shoes, Hats, Caps, Underwear, Clocks, Watches, Jewebry, Silverware, Sev. costs nothing to try us.
We occupy the entire
buildings, 227 and 229
Wabash Avenue, four stories and basement, filled Jewelry, Silverware, Sewing Machines, Crockery, Musical Instruments. with the choicest articles. Dealing with us, you can select from an endless We are the origi-Hardware, Tinware, of dealing direct with the consumer at wholesale prices.

Careful at
consumer at wholesale prices.

Careful at-Revolvers, Trunks, Gro-

MONTGOMERY WARD & CO., 227 and 229 Wabash Ave., Chicago, Ill.

Experience enables us to avoid errors.

No obligation to buy.

Challenge Well Auger

Manufacture the Well Auger that will bore any kind of earth—makes a well any gize required—and is a perfect success in Quicksand and Hardpan; will easily make a deep well in one day.

Our Combined Machine for Horse Power, consists of both Earth Boring and Rock Drilling tools. The Earth Auger is used till rock is reached, when the rock boring tools are stached, and the boring continued till are abundant supply of pure water is obtained.

Artesian Well and Prospecting tools for steam powers a specialty. Our tools are equal to, if not botter than those of any manufacture in the United States, and prices below the lowest. Catalogues mailed free. Address

CHALLENGE WELL AUGER CO.,

1420 NORTH TENTH STREET, ST. LOUIS, MO.

Horticultural.

showed a fair crop, but was evidently bearing for the last time. Miner and Wild Goose plums were bearing wonderfully well, but were more or less stung by the curculio. The Early Richstage of the curculio. The Early Richstage of the young growing trees of the best variety.

In protected from abrasion by general culture everywhere. There are showed a fair crop, but was evidently bloods and rapid currents. 4th. All plublic roads should be belted by graceful, stately trees. We should preserve, improve and extend our existing forests by keeping up a constant succession of young growing trees of the best variety. mond grafted on the Mahaleb had provTo do this, it is necessary: 1st. To al-

great secret of his success. His apple orchard contains 12,000 trees. Many of the trees have been girdled two or three times with much success. In 1878 he it of bearing is once changed, it may be grapes and all the small fruits. retained for many years. His usual Little Rock is the centre of an im-formation of a list of apples for southpractice is to remove half an inch of mense area of the best of fruit lands ern Illinois and Indiana. the trees is removed one year to a considerable depth, and returned next year.

months before. CHAMPAIGN.

The venerable Marshall P. Wilder, in miles

markets was the wild strawberry of the fields. Now I have on my register the Catawbas and the wild varieties; now Louis.

We have under cultivation more than The we have under cultivation more than 200 kinds, and California alone can produce not only enough to supply the country, but she ships entire cargoes of wine to Europe to be manipulated and muddled over, and sent back to us for the cultivation more than 1 the neighbor-hood of Little Rock are from 200 to 300 to 300 to of cider, and should be kept in small, and convinced us that there is no bettien of about one-quarter ounce of calcium sulphite (sulphite of lime) per gallough its a local variety.

The best late is not yet known to much extent in the east, and 1 judge is a local variety.

The best late veellent work on the cium sulphite (sulphite of lime) per gallough its alocal variety.

The best late veellent work on the cium sulphite (sulphite of lime) per gallough its alocal variety.

The best late veellent work on the cium sulphite (sulphite of lime) per gallough its alocal variety.

The best late is not yet known to much extent in the east, and it judge is a local variety.

The best late veellent work on the cium sulphite (sulphite of lime) per gallough its alocal variety.

The result of our observations here to the defendance of the tree, as well as the improve known to much extent in the east, and light its of the converted to the free as well as the improve known to much extent in the east, and light its of the converted to the free as well as the improve known to much extent in the east, and light its of the converted to the free as well as the improve known to much extent in the east, and light its of the converted to the free as well as the improve known to much extent in the east, and light its of the converted to the free as well as the improve known to much extent in the east, and light its of the converted to the free as well as the improve known to much extent in the east, and light its of the converted to the free as well as the improve known to much extent in the east, and light its of the converted to the free as well as the improve known to much extent in the east, and light its of the converted

and so extensive has been the export of apples, that Boston alone has sent to Europe and elsewhere the last year, more than 600,000 barrels."

report may be summarized as follows: rocky to be thoroughly cleared of stone extreme earliness and productiveness An examination of the orchard of L. and plowed, should be devoted to trees. make amends, and no one complains of C. Francis, Springfield, showed the 2d. Protecting belts of timber should it. C. Francis, Springfield, showed the most fruitful varieties to be the Early Pennock, Grimes' Golden, Prior's Red, and Ben Davis. The grapes were rotand Ben Davis. The grapes were rot- cold, sweeping winds. 3d. The banks and Miner's Prolific until superseded. ting badly here, as in nearly all the of streams, ponds, open ditches, etc., vineyards visited. A yellow Belle-should be so planted with trees that like the above standards, are adapted to at 46 degrees Fah., no such change takes flower tree, girdled three years ago, they will be protected from abrasion by general culture everywhere. There are place. Independently of the difference

ed a failure, but when grafted on the Morello had proved very productive.

FINE ORCHARDS.

On the grounds of J. B. Spaulding, also at Springfield, was found one of the few producing pear orchards in the longest list of strawberries. Come now, reason a little! Is not this a play that hurts on both sides, injuring seller and planter?

We are asked about the novelties in strawberries. Well, there are the Bidwarieties should be cut out, and the valled longest list of strawberries. Come now, reason a little! Is not this a play that hurts on both sides, injuring seller are purpose of forage. This should be a thinned moderately and judiciously. Worthless well, Triple Crown, Glossy Cone, Huddleston, Marvin, Longfellow, Warren, was not provided in the longest list of strawberries. Come now, reason a little! Is not this a play that hurts on both sides, injuring seller are purpose of forage. This should be a thinned moderately and judiciously. few producing pear orchards in the State, there being very little blight and some fruit. All his orchard and nursery grounds are perfectly underdrained, which the committee consider the some fruit. ed, which the committee consider the to propagate should be cut in the spring. should be cut in August.

Arkansas as a Fruit Country.

Arkansas ought to be and will be the had girdled every other tree, and in 1879 fruit farm of the west and southwest, these trees had borne a full crop; and says D. W. B. in the Prairie Farmer. that year he girdled the remaining half, She has thousands of acres of the very trees have shed their leaves and are which bore full crops in 1880, the others best of fruit lands that are of little val- taking their rest, the cold days and girdled in 1878, and bearing in 1879, breadth of high table lands of clayey, us, and meetings for consultation upon were very full; while those that were sandy, limestone, gravelly soils, and that horticultural matters are now in ordergirdled in 1879, and bore in 1880, were have proven themselves capable of pro- One thing that is sure to form a topic bare of fruit; from which facts the ducing immense crops of the highest for discussion annually in these meetcommittee conclude that after the hab- grades of peaches, apples, pears, plums ings is the fruit list and its revision.

come to the conclusion, however, that from cities, towns or railroads; espethe first cost of trees and plants. These rieties to be for both market and family At the Industrial University 1,000 value are necessarily high, there being but use. At the Industrial University 1,000 varieties of apples were planted. It was not believed by Professor Burrill that any would be found equal to the Ben Davis as a commercial apple.

The Snyder blackberry had proved a grand success on Mr. Vickroy's grounds, this at the country home of a northern man and an original Republican who at Bloomington. While all other varieties had been killed to the ground, by the arctic winter of 1880 and 1881, that his sentiments at all times and places, variety was but little injured, and provately was but little injured. The was all times and little injured was but little injured, and provately was but little injured. The was all times and places, as any of us would at home, and his into a clean wooden vessel capable of little was but little injured. The was all times and places, as any of us would be filtered through a hair seiver into a clean wooden vessel capable of little was all times and places.

in quantity that Norfolk, Va., has sent to the Boston market the last summer over 6,000 bushels in one day, and a little town in our vicinity has sent 10, all the fruit buds and injured many life it is desired to keep the last summer over 6,000 bushels the present and life fruit buds and injured many life it is desired to keep the last November, when pure olive oil to the cider of the last summer over 6,000 bushels in one day, and a little mild weather, which killed nearly all the fruit buds and injured many life it is desired to keep the last summer over 6,000 bushels the present and life it is desired to keep the last summer over 6,000 bushels in one day, and a little mild weather, which killed nearly all the fruit buds and injured many life is desired to keep the last summer over 6,000 bushels in one day, and a little mild weather, which killed nearly all the fruit buds and injured many life is desired to keep the last summer over 6,000 bushels in one day, and a little mild weather, which killed nearly all the fruit buds and injured many life is desired to keep the last summer over 6,000 bushels in one day, and a little mild weather, which killed nearly all the fruit buds and injured many life is desired to keep the last summer over 6,000 bushels in one day, and a little mild weather with the last summer over 6,000 bushels in one day, and a little mild weather with the last summer over 6,000 bushels in one day, and a little mild weather with the last summer over 6,000 bushels in one day, and a little mild weather with the last summer over 6,000 bushels in one day, and a little mild weather with the last summer over 6,000 bushels in one day, and a little mild weather with the last summer over 6,000 bushels in one day, and a little mild weather with the last summer over 6,000 bushels in one day, and a little mild weather with the last summer over 6,000 bushels in one day, and a little mild weather with the last summer over 6,000 bushels in one day, and a little mild weather with the last summer over 6,000 bush

Cream of Strawberries.

the longest list of strawberries. Come

til he has tried them. Few of them will be remembered ten years from now, yet some one or two may be the most profitable extant.—Green's Fruit Grower.

What Apples to Plant.

The fruit growing season, says the We purpose now to consider briefly the

bark. Mr. Spaulding has over 1,000,000 that are now being planted. In this im- This latitude is peculiar in that it is stitute about three times this quantity apple trees, 100,000 peach trees, 110,000 mediate region the peach is the favorite very difficult to make for it a list of apcherry stocks, 50,000 seedling chestnuts, fruit. This fruit in favorable seasons ples, either from northern or southern and 50,000 quince stocks. The orchards is in continuous supply from May until varieties, that will not include sorts ling some champagnes. Such cider is with many local defects, no matter how best bottled when fined." of H. M. and E. Dunlap, very fine ones, November, and the earliest ripening va-were surrounded by a shelter belt of maple and spruce, which serve to promaple and spruce, which serve to protect them from the cold in winter, and from the winds in summer. Their summer. Their summer of the cold in winter and the cold in winter, and the cold in winter, and the cold in winter, and the cold in winter and the cold in winter, and the cold in winter and the cold in winter, and the cold in winter and the cold in wint from the winds in summer. Their The finest very late sorts bring also ually undergo a change through lapse vineyard was healthy, with the Conhigh prices. These hill lands are what of time, and that varieties which were cord and Ives carrying a good crop. would be called quite poor land in the popular twenty and even ten years ago, western States north, but are plenty are now in low esteem-not through the ered better than the trellis. At the orchard of H. C. Smith, at Tolono, to rich enough for fruit when the trees, production of better sorts, but from a the borer, the soil around the trunks of the can be bought for from two to twen- thus lost character, we may mention five dollars an acre, and are valued actually distributed from cities towns or railroads especially and the Early Harvest and White Winter Pearmain. The Janet is following rapidly, and the Winesap, we are sorry Mr. Smith's faith in pears is "a blind from cities, towns or railroads; espeto to say, presents a poorer appearance faith." In the fall of 1880, Mr. Smith cially their proximity to railroad towns. had constructed a fruit house to be a They are generally covered with an ing to plant an orchard of one hundred

How to Keep Cider Sweet.

The Scientific American tells how to care for cider after it comes from the times the value of their weight in gold. press, and to keep it in good condition

all crops the past season), and only two miles from the city of Little Rock with the surface, the liquid should be drawn

er in the same neighborhood.

bound of the sulphite in a gallon of wa-

The isinglass—six ounces or more (in The quantity of this substance required

ously affect the taste.

Some makers sweeten their cider by additions, before fining, of sugar or glu-cose, the quantity of the former varying from three quarters of a pound to one and a half pounds, while as a subof glucose is required. Sweetened cider, when properly cared for, develops

Flowers at Eight Times Their Worth in Gold.

The cut-flower business, another phase of horticulture, is perhaps greater in ture of about 80 degrees can be mainthe United States than in any other part of the world. Certainly the use of cut flowers in New York, for bouquets, pense than in most any region, except to be for one hundred trees and the va- A flower dealer in Fourteenth street, a few days before Christmas, received the only four of this same variety of rose that were offered in the city, found a customer for them at sixty dol lars, or fifteen dollars apiece, or

duced good crops this year.

A lengthy discussion ensued on the everywhere respected. We firmly be holding as much juice as can be extraction on peaches by other writers, and, while the host t where, north or south, will steal; but tions the fine pomace will rise to the claiming that their knowledge of peach where time for girdling fruit trees was during the first part of June, perhaps the yery best time from the 10th to the 20th of June.—Inter-Ocean.

The Growth of Fifty Years.

Where, north of south, will steat; but times for girdling fruit trees was during entleman is surrounded on every side with country colored people, both well to do and poor, and the poorest of white people, (all are poor here now owing to a general very bad failure of all crops the past season), and only two his eloquent address before the meet its thousands of colored and white off slowly from a faucet placed about the off slowly from a faucet placed about the off slowly from a faucet placed about the off slowly from a faucet placed about 1,000; each well (especially the fleshy party of about 1,000; with dry unleached ashes. Pack them out buildings and wine cellar, have no locks, bolts or bars, vet all is safe from the bettom of the turn to him or the growers in Illinois, it is the first instance of its success to "We live in an age of remarkable activity and enterprise, and in nothing is this more to be seen than in the progress of fruit culture during the present century. Many of us can remember the time when the only strawberry in our literal and stripes."

"We live in an age of remarkable activity and enterprise, and in nothing is the liquid drawn off should be receivable. The liquid drawn off should be receivable and west, so far as I the first instance of its success to my knowledge. In all other parts of the country, east and west, so far as I the country, east and west, so far as I the country, east and west, so far as I the country, east and west, so far as I the country failed to give of the country, east and west, so far as I the first instance of its success to my knowledge. In all other parts of the country, east and west, so far as I the country, east and west, so far as I the country, east and west, so far as I the country failed to give of gas sppear at the bunghole it must be drawn off (racked) into clean casks being made to give place to better value.

"We live in an age of remarkable activities of the success to my knowledge. In all other parts of the country, east and west, so far as I the country, east and west, so far as I the country, east and west, so far as I the country, east and west, so far as I the country, east and west, so far as I the country, east and west, so far as I the country, east and west, so far as I the country, east and west, so far as I the country, east and west, so far as I the country, east and west, so far as I the country and striped of the country tury. Many of us can remember the slow to learn that crime means the pentime when the only strawberry in our itentiary and stripes.

The climate is one of the best in the often earn state of the pentiles, varieties that will not rot over some the pentiles, varieties that will not rot over some the pentiles, varieties that will not rot over some the pentiles, varieties that will not rot over some the pentiles, varieties that will not rot over some the pentiles, varieties that will not rot over some the pentiles, varieties that will not rot over some the pentiles, varieties that will not rot over some the pentiles. The climate is one of the best in the often as necessary until the first fer- night and that do not require to be markets was the wild strawberry of the fields. Now I have on my register the name of more than 400 kinds, which have been under cultivation in my own day; and so great has been the increase day; and so great has been the increase of more than 400 kinds, which have been under cultivation in my own day; and so great has been the increase of more than 400 kinds, which have been under cultivation in my own day; and so great has been the increase of more than 400 kinds, which have been under cultivation in my own day; and so great has been the increase of more than 400 kinds, which have been under cultivation in my own day; and so great has been the increase of more than 400 kinds, which have been under cultivation in my own day; and so great has been the increase of more than 400 kinds, which have been under cultivation in my own day; and so great has been the increase of more than 400 kinds, which have been under cultivation in my own day; and so great has been the increase of more than 400 kinds, which have been under cultivation in my own day; and so great has been the increase of more than 400 kinds, which have been under cultivation in my own day; and so great has been the increase of more than 400 kinds, which and prune all winter. The tender monthly roses usually bloom all winter. The tender thus injure the market. It is no better, if thus injure the market. It is no better, if thus injure the market. It is no better, if thus injure the market. It is no better, if thus injure the market. It is no better, if thus injure the market. It is no better, if thus injure the market. It is no better, if thus injure the market. It is no better, if thus injure the market. It is no better, if thus injure the market. It is no better, if thus injure the market. It is no better, if thus injure the market. It is no better, if thus injure the market. It is no better, if thus injure the market. It is no better, if thus injure the market. It is no better, if thus injure the market. It is no better, if thus injure the market. It pure olive oil to the cider before putting Honest John, Mountain Rose, Old Mix- tree overbears it checks its vigor, and its on, Thurber and Picquet's Late are also power to mature fruit buds for another year the town in our vicinity has sent 10, on the fruit buds and injured many years ago there were no hardy grapes peaches or in our market, except a few Isabellas, row have under cultivation more than 200 kinds, and California along the fruit lands in the neighbor
They lie awake and suffer the brain to be flighty when that weary organ ought, some years, though better than Crawbears, which kined nearly in the bung and storing.

If it is desired to keep cider perfectly sweet, but the bear and some kinds of another year, the bung and storing.

If it is desired to keep cider perfectly sweet and suffer the brain to be flighty when that weary organ ought, sweet—and this is rarely the case—it latter variety is rather a shy bearer some years, though better than Crawbears, which kined nearly in the bung and storing.

If it is desired to keep cider perfectly sweet to be flighty when that weary organ ought, sweet—and this is rarely the case—it latter variety is rather a shy bearer some years, though better than Crawbears, which kined nearly in the bung and storing.

If it is desired to keep cider perfectly sweet to be flighty when that weary organ ought, sweet—and this is rarely the case—it latter variety is rather a shy bearer some years, though better than Crawbears, which and some kinds of reces, like the peach and plum, are frequently killed by overbearing; should be filtered on coming from the press, and then sulphured, by the addition of about one quarter curve of soil.

The hill fruit lands in the neighbor
The hill fruit buds and injured many in the bung and storing.

The hill fruit buds and injured many in the bung and storing.

The hill fruit buds and injured many in the sweet or and some trees like the peach and plum, are frequently killed by overbearing; some years, though better than Crawbear.

The hill fruit buds and injured many in the sweet or and some i

wind to Europe to be manipulated and muddled over, and sent back to us for consumption. The same increase may where than in the vicinity of Little benoticed in the production of the peach, millions upon millions of bushals being sent to our various markets, and from it all markets can be as being sent to our various markets, and from it all markets can be as being sent to our various markets, and from it all markets can be as being sent to our various markets.

The addition of a little sugar—say one-quarter of a pound per gallon—improves the keep-ing qualities of tart cider.

An easily construced cider filter construced cider filter construction of the New York market. Mr. Shorter, So far as regards the borers, the carbolic is the best.

sists in a barrel provided with a tap of Crawford, says the lowest he has re- acid of coal tar is most convenient and effec-Nurserymen, shorten your list of near the bottom. The lower part is fill88 per bushel. He has several thousand Europe and elsewhere the last year more than 600,000 barrels."

Timber Planting.

The twenty-sixth annual session of the Illinois Horticultural Society was agood attendance of members of both the Northern Illinois Society and of the State Association.

From Central ILLINOIS.

From M. Central Illinois, read the report for that district.

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From M. Central Illinois, read the report for Fah. When exposed to the air, or kept in a warm place, much of the sugar is converted into alcohol and remains in a warm place much of the sugar is converted into alcohol and remains in an afailure. To overcome the curculic coverings, and rain would spoil all. A very fall of the fruit.

GRAPES.

in the quality of fruit used, the respect of temperature is one of the chief causes of the superiority of the cider made by one person over that made by anoth-by one person over that m the United states. Wine from the pro- they are far preferable to the taste of many The more malic and less sugar preduct of these vines, is made to the sent the less tendency to acetous feramount of 24,453,857 gallons, having a mentation; hence it often happens that market value of \$13,426,174,87. Califordies and preserved fraits, there would be tart apples can never equal in quality nia, of course, leads, having one-sixth much less sickness among the children, and that prepared at a low temperature of the area, yielding nearly two-thirds from fruit rich in sugar, which, if proposition of the wine. New York come next, have chase many barrels of apples. They have an from fruit rich in sugar, which, if properly cared for will keep good twenty years.

When the fermentation has subsided and the liquor has developed the desired flavor in storage, it is drawn off into and the liquor has developed the desirand are made. Knode Island only revalued and the liquor has developed the desirand and the liquor has developed the desirand and he liquor has developed the desirand and he wild for the system; in fact, and sulphured either by Missouri, Ohio, Georgia and New Mexique and New Mexiq ly cleansed and sulphured, either by burning in the bunghole a clean rag co are leading wine making sections. They will cool of the system; in fact, co are leading wine making sections. They will cool of the system; in fact, co are leading wine making sections. They will cool of the system; in fact, co are leading wine making sections. They will cool of the system; in fact, co are leading wine making sections. They will cool of the system; in fact, co are leading wine making sections. They will cool of the system; in fact, co are leading wine making sections.

How to Make Vinegar.

A method employed in France, which The fruit growing season, says the solution) to the barrel—should be stir-converts either and other liquid into Farmer and Fruit Grower, is over, the red in as soon as transferred, and then red in as soon as transferred in as soon as transferred in a soon as transfe vinegar much more expeditiously than sort of lameness in the joints. J. F. Myers a sufficient quantity of preserving powder of bisulphate of lime (not sulphate do ordinary practices, prefaces the process in the joints. J. F. Myers which bore full crops in 1880, the others best of fruit lands that are of little valbearing but little. This year, those ue for anything else. She has a great long evenings of winter are close upon the cider, to entirely check fermentation. by first scalding with water and next rarely exceeds a quarter of an ounce to pouring into them boiling vinegar, rollthe gallon of cider, A large excess ing the barrels and allowing them to must be avoided, as it is apt to injuristand on their sides two or three days until they become thoroughly saturated with the vinegar. This preparation over, the barrels are filled about onethird full with strong, pure cider vin-egar and two gallons of cider. Every eighth day thereafter two gallons of thirds full. In fourteen days after the last two gallons are added, the whole been converted into vinegar -one-half of which is drawn off, and the process of filling with cider begun again. In summer the barrels during the process of conversion, are exposed to the rays of the sun, and in cold weather are stored where a uniform temperatained.

Ashes for Fruit Trees. When apple or pear trees become disbaskets and other designs, is far greater eased from being planted in unfavorathan in either London or Paris, and the ble or ill prepared soil, or from lack of thirty pounds. Another instance is taste shown in their arrangement here food, they are very apt to be attacked given in which shoats were fed on raw is vastly superior. It is estimated that by insects, which, if in healthy condithree millions of dollars were paid for tion, would probably be unknown. Cercur gained ten pounds to the bushel, cut flowers in New York in 1880, one-tain washes, such as lye (a solution of those fed on cooked corn gained fifteen third of which was for rosebuds. Im- potash), have been applied with success pounds to the bushel—results which had constructed a fruit house to be a protection alike from winter's cold and summer's heat. Two rows of posts are set in the ground, two and a half feet apart, boarded up inside and out, and the intervening space filled with straw, packed in as closely as possible. Two sets of rafters are then put on, the upper set three feet above the lower, which a cheap board roof is put on. On the 11th of August, with the temperature 98° in the shade, the committee of one hundred trees for family use and market, we would now select the varieties as follows: 15 Red June, 15 Benoni, 1 Buckstonship the suburbs, for the special purpose of would now select the varieties as follows: 15 Red June, 15 Benoni, 1 Buckstonship the suburbs, for the special purpose of simpler, trees ranging from six to eight the suburbs, for the special purpose of simpler remedy with the suburbs, for the special purpose of the suburbs, for the special purpose of simpler, trees ranging from six to eight the suburbs, for the special purpose of simpler, trees ranging from six to eight the suburbs, for the special purpose of the suburbs, for the special purpose of suburbs, for the special purpose of the suburbs, for the special purpose of the suburbs, for the special purpose of the suburbs, for the special purpose of suburbs, for the special purpose of the suburbs, for the special purpose of the suburbs, for the special purpose of the suburbs, for the special purpose of suburbs, for the special purpose of the suburbs, for the special purpose of suburbs, suburbs mense glass structures are erected in in destroying the insects and restoring tion of breeders. And these are only a found it as cold as an ice-house, and containing quantity of apples as sound lakes as they are called here. A man ga quantity of apples as sound lakes as they are called here. A man taken from the trees ten taken from the trees ten fore.

The sound of the control of the for action when the rain comes. operation of throwing on the ashes is easily and quickly performed; if the tree is in a bad condition it is easily repeated until the insects are all destroyed, and a new, healthy bark covers the tree. Insects' eggs will never hatch under the influence of ashes. Two objects are by this operation—the ashes furnish food for the tree as well as destroy its eenmies, and impart cleanliness

Horticultural Notes.

The following varieties of early pears give a successive supply at the north from late in July till the middle of September: Doyenne

peach he names in his list is the Amspeach he names in his list is the AmsStock Island; J. V. Harris, of Key West, has
each well (especially the fleshy part)

tive. It mixes in water well by stirring it first into hot, strong soapsuds.

From the earliest ages apples have been in use for the table as a dessert. The historian Pliny, tells us that the Romans cultivated From statistics recently published by twenty two varieties of the apple. In these thoroughly rinsing the inside with a solution of bisulphate of calcium prepared by dissolving about a quarter industries.

The many hostrums which are so highly the many hostrums which are so highly properties and so continued the many hostrums which are so highly properties in the many hostrums which are so highly properties. half, while a boiled potato takes twice that

Cited by the Washington (Ind.) Gazette is the fact that the colts in that locality have a



Experiments in Feeding Pigs.

An extensive breeder, after cooking food for eight or ten years, goes upon record in favor of cooking, and expresses the belief that one-fourth of the cider are added until the barrel is two- grain is saved thereby. The following experiment is given in his case: Two sows, of the same litter, and the same every way, except in weight, were selected. No. 1 weighed 292 pounds, and No. 2 weighed 280 pounds. No. 1 was fed for seventeen days on cooked, unground corn, and from the consumption of two bushels and twenty-one quarts, gained thirty-six pounds. No. 2 was fed for the same time on raw whole corn, of which she consumed three bushels and thirteen quarts and gained and cooked corn for six weeks, the result being that while those fed on raw bushel fed was as follows: 12.26; soaked corn, 9.33; boiled corn, 10.00; dry meal, 11.66; cooked meal, 10.46. In this experiment, after fifteen bushels had been fed, the gain was as follows: Dry corn, gain, 13.00; soaked corn, 10.24; oiled corn, 10.80; dry meal, 13.46: cooked meal, 9.47. In the first case, dry corn produced the be and in the next, dry meal.-New York

> American pork is to be reintroduced into France. The Frenchmen have starved on horse beef as long as they can stand it. In Roumania, however, the embargo on pork will not be removed.

> Kill your hogs by or before the first of January, so as to have your hams hung and well dried by the first of March. Then take them down and examine to see that there are no insects in them, and they are all right and sound. Of course a bad ham will not keep, and should never be packed down. Have a out of the cobs and ashes and put them in dry barrels, with hocks down for more convenient using.—Ex.

Good for the Women.

Many ladies suffer from an extreme ner ons, semi-hysterical condition. They have disturbing dreams, exciting muscular startings, peculiar painful symptoms of night-They lie awake and suffer the brain

Crop very short. We have a few bushels of prime fresh seed to offer. W. H. Mann

A it is own the it; we have the it; we have the it it; we have the it it it. The it is it is it is it. The it is it. The it is it. The it is it. I

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THIRTY-FOURTHYER

COLMAN'S

RURAL WORLD. NORMAN J. COLMAN.

ADVERTISING: 25 cents per line of space; re-laction on large or long time advertisements. Address NORMAN J. COLMAN, Publisher

This number completes the thirty fourth year of this journal. In looking over the volume we feel satisfied it reader the variety and extent of the place again. subjects treated. It will also show the importance of preserving the numbers With a single exception, the RURAL as a full crop would. WORLD is the cheapest weekly agricultural paper published in America; and orchard, garden, live stock and rural affairs, as any other paper published at perishable goods generally from one complish for the class to whose interthe same price in this country. The country to another was easily acomprice at which it is issued, after prepaying postage, which we are compelled uniform and less burdensome. to do, allows no profit- the white paper and press work alone costing the sub- important departments of the RURAL men the better and the wiser for read- terest in the agriculture of the State. scription price. Every reader, we be- WORLD, leaves no room for the Home ing it. To such excellent men has the We hope the Board of Agriculture, by lieve, is willing to pay the cost of the Circle, grange and fish departments. RURAL been indebted since it was estable the election of Mr. Gentry as its secrewhite paper on which valuable matter There is not the necessity to refer to tablished, and we hope such men will tary, has been put upon a higher plane and is a disgrace to us. We need to display the cost of the Circle, grange and usn departments of the election of all tary, has been put upon a higher plane and is a disgrace to us. We need to is furnished him. If he is not willing, the articles contained in these depart- continue to labor for it long after our of usefulness, and that it will do a good we do not propose to pay money out of ments, that there is in the other de our pocket to induce him to read. We partments, hence they are omitted. shall try to make the RURAL WORLD so interesting and instructive that if assisted us in every department the and if Congress will give them all the alone costing fully that price. If we idence of his high appreciation of it. past year, we return our sincere thanks. money necessary to complete the need were going to change the price at all, Their kindness is warmly appreciated, ed improvement, there will be no countit would be to make it higher instead of Apples are commanding fine prices in and we solicit their continued contri- try under the sun that will equal this." lower, as we feel confident our readers St. Louis, and will the remander of the butions. The RURAL WORLD will be considerably improved in matter and make-up for 1882. Our entire time and attention are now given to the paper; and we flatter ourself that our practical experience in the matters we treat, as well as our experience as editor and publisher, fit us to furnish a farm jour-is so thoroughly devoted to their inual for the farmers of the great valley terests. of the Mississippi, that has no superior. To those who have been our readers for a short or long time, we return subject worthy of very serious attenthanks for their patronage. Many have tion. Three or four prominent citizens kept us company for nearly a third of a of Atlanta, Ga., died recently from parplaces, and they too in turn must give occurred on this account. way to their sons and daughters. We with a few of our readers, which we sent for the term it is paid for, and always do with regret, for the relation always do with regret, for the relation that the name will be dropped from that the name will be dropped from the sent for the term it is paid for, and them. Farmers want to know what is being done. They want to hear from those who is sent for the means and adaptations. We have millions of acres of land suittent to hear from those who is sent for the term it is paid for, and them. Farmers want to know what is being done. They want to hear from those who is sent for the term it is paid for, and them. Farmers want to know what is being done. They want to hear from those who is a kindly one—the sent for the term it is paid for, and them they have the means and adaptations. They want to hear from those who is a kindly one—the sent for the term it is paid for, and them they have the means and adaptations. They want to hear from those who is a kindly one—the sent for the term it is paid for, and them they have the means and adaptations. They want to hear from those who is a kindly one—the sent for the term it is paid for, and them they have the means and adaptations. of reader and editor is a kindly one— the list when the subscription expires but the losses, if any occur, are more Many thousands of readers who find De- write from experience. Many editors than made up by the ever swelling. cember 81 on their paper, on the printed in their easy chair can write by the changing throng. New readers take label, will be non-readers unless they hour and then say nothing of practical theatres are doing a splendid business. At any new industry. We need to investithe place of old ones, and new relations renew promptly. Is any further notice value to the farmer, the orchardist or the Grand Opera House, Mahn's Comic study the subject carefully. When we mane Live Stock Express Company, 2 are formed. To our readers, whether required? new or old, we promise to devote our best advance their interests.

San Antonio, Texas.

A free copy for one year will be sent to any one sending us a club of ten, in lieu of any other premium.

name, she will receive one.

Send us the names and postoffice adsample copies.

The season for making good resolutions and turning over new leaves is good culture that is generally raised. here. Begin by renewing your subscription for the RURAL WORLD.

fruit buds in a condition that will ren- will prepare his best ground well, plant constituency. He leaves a large circle der them easy victims to the usual se- good seed early, and cultivate well, that of admiring friends. vere cold spell that is sure to come in he may obtain a large yield. The very the "sweet by and by."

It should not be forgotten that to any one sending us eight subscribers we will send as a premium, free, the fifteen the summer of 1882 will all be empty—open in St. Leuis on the third of Janu. to make such a statement. We aimed dollars' worth of books advertised by us last summer. These books form quite something that has not occurred before uary. A number or sugar planters mistake occurs two or three times, and of cattle raised upon the free ranges of side, all of which can be easily closed a library.

Broadway, St. Louis.

Strawberries in Mississippi must be thousands of farmers who will pay one B. Johns of Kansas, H. Rugene Conoutlook for feed, and prices of wool at can now be found, thrifty flocks will bar extending the whole length of the can now be found, thrifty flocks will bar extending the whole length of the can now be found, thrifty flocks will be rectanged to thousands of farmers who will pay one B. Johns of Kansas, H. Rugene Con-

at 10 a.m. Business of importance to

tune to our friend.

Many of our subscribers, at Austin, Cabot, Beebe, Judsonia, Ark., who two so as to have a volume to refer to on months ago considered the strawberry almost any topic pertaining to the agri- crop two-thirds gone, now report a great cultural profession. We believe we improvement, and anticipate from half have given to every reader the full val- to three-quarters of the usual supply. ue of the dollar paid for the volume. This will net them about as much

The mild weather prevailing throughit publishes more than four times as out the United States has been productive of innumerable good results. The

The space required to index the more

America that gives one-half the read-gain. We try to make a paper that our er, will not be benefited much, their ing matter, in reference to sheep hus- readers are glad to pay at least a living supplies being apparently exhausted. bandry, that the RURAL WORLD does. price for. When we have to hire men Most of the fruit offered here now is Those interested in sheep should bear to subscribe, by paying money out of coming in daily from the east, and is this in mind, and do all they can to our own pocket to get them to read it, composed mainly of Baldwin's Greenextend the circulation of the paper that we will quit the publishing business— ing, Russett's, Canada Reds, &c., the va-

Adulterated food will soon form a now ask for it.

during the year 1882, if our life is country is shown in the continued prominent in the future, and we solicit to fine business. Next week Collier's Union other subject, we shall find goat raising present inhuman system of sending catduring the year 1882, if our life is shown in the continued spared. Our constant study shall be to supply them with such matter as will supply them with such matter as will spear in the great simple, easy and profitable. There are some stock breeders to contribute their exstock breeders to contribute their exstock breeders to contribute their exstance. Sol Smith Russell an inimitable humorist, if, even if there are jokes at the expense. have been thrown on the market, and being generally poor, sold for a mere trifle. Strawberries, rich, ripe, and luscious, The same may be said of a large porare coming into market, not here, but at tion of the chickens. Turkeys have had more attention, but most of them are coming in. Next spring poultry, eggs and feathers will be scarce.

If corn is planted early, and then is If Daisy Dell will ask for a letter at well cultivated, it will give a better may be called by that name, was the varied characters her postoffice, forwarded to her by that yield than later planted corn. This grape, in the culture of which he took beautiful winter weather should be im- great delight, and he was considered and during the current week many thousa proved by every farmer in this latitude by plowing the land for corn. All Muench was philanthropic in all his Frederich Haase a talented German actor, dress of farmers that ought to take the then that has to be done in spring, is instincts, and aided in many ways to will furnish the entertainment. RURAL WORLD, and we will send them to harrow the ground and plant the develop the resources of our State. He seed. Nearly double the corn can be wrote, in his native tongue, a great raised per acre by early planting and deal in favor of Missouri, and was in-Let us have a big crop next year.

This very mild weather will soon put crop of corn the coming spring. He State, with credit to himself and his short crop of 1881 will create a large dethe short corn crop. The corn cribs in ley Cane Growers' Association will ing of sheep. By no means did we wish come liberal consumers. the summer of 1882 will all be empty— open in St. Leuis on the third of Janu- to make such a statement. We aimed something that has not occurred before uary. A number of sugar planters to say showing of sheep. The same of corn next autumn.

P. M. Kiely & Co., the well known fruit year, not because we do not think it as intention to be present. Among them and general commission merchants, 719 valuable as the two or three dollar ag intention to be present. Among them Such mistakes will occur.

R. M. Bell. The prospects for a good supply of classes, and we know there are tens of thousands of farmers who will pay one to do the agricultural and others of Iowa, H. K. Stout and T. Stein H. Renney and Iowa and Iow

The St. Louis Grange meets at Meration of any weekly agricultural paper servative of fruit and vegetables, it mee, on Wednesday January, 4th, 1882, in this country. Our readers seem deturns out upon careful analysis that it in this country. Our readers seem deturns out upon careful analysis that it made for corn, and the outlook is that the made for corn, and the outlook is that the feared. Other substitutes are made for corn, and the outlook is that the made for corn, and the outlook is that the made for corn, and the outlook is that the made for corn, and the outlook is that the made for corn, and the outlook is that the made for corn, and the outlook is that the made for corn, and the outlook is that the made for corn, and the outlook is that the made for corn, and the outlook is that the made for corn, and the outlook is that the made for corn, and the outlook is that the made for corn, and the outlook is that the made for corn, and the outlook is that the made for corn, and the outlook is the made for corn, and the made for c before we will have the largest circula- as advertised in our columns as a presirous, one and all to help bring about is not what it was represented. Some this result. They take pride in the of the oldest and best agricultural pa-We learn from Mr. E. Hollister, of RURAL WORLD, and are aiding to place pers published the advertisement, be BE SURE YOU HAVE A GOOD RAM. Alton, Illinois, that Parker Earle, Esq., it in the front rank in point of circula- lieving it to be what it was represented. President of the Mississippi Valley tion and influence, for which we feel Ozone, as a preservative, is all right, Horticultural Society, has had the mis- grateful and will endeavor to return but what these parties sell for ozone, the stock ram of his flock. No matter my children come up to ages of reading fortune to lose one of his index fingers. the compliment by giving the best is not that article. We try to exclude what blood, the quality of the ram is an and appreciation, they become attached We are pained to learn of this misfor- farm journal in America for its price. all fraudulent advertisements, and hard- ir dex to the future of the flock. Too to the RURAL WORLD, and are constant

The increase of subscriptions has delightful—a pleasant spring day. The We supposed, from the testimonials, Breeders of stud flocks well know the been so great of late as to completely windows of residences were thrown the advertisement was entirely reliable. over the volume we reel satisfied it because at the last of their states at the last o decessors. There has been a large hundred new subscribers failed to get little ones and big ones too all seemed amount of matter published relative to the last issue. We very much regret happy and tried to enjoy themselves to all departments of rural life. A reference to the index will show to any tions, so such an occurrence cannot take seen so many Christ nas presents. The week, Hon. John Walker was re-elected stores of the St. Louis merchants were president of the Board; Wm. Smith of crowded by buyers of presents for many Randolph county was elected vice-presweeks before Christmas day, and made ident; Prof. S. M. Tracy was re-elected much larger sales than ever before. treasurer, and R. W. Gentry was elected Money must be plenty for it was used secretary in place of J. P. McAfee, who with a liberal hand. We rejoice that so was not a candidate for re-election. As many hearts have been made happy.

affords no margin for commissions to upon the labor, good judgment, learning canvassers. It depends entirely upon and ability of the incumbent of that ofthe voluntary aid of such readers as be- fice, we are pleased to say that we believe it to be a good journal for the lieve Mr. Gentry has the necessary complish for the class to whose inter-State University, is an able, logical wriests it is devoted. The larger proporter and speaker, and undertakes no work tion of our readers are philanthropic that he does not do thoroughly. He is men, who like to aid a good paper, be- president of the Missouri Wool Growcause it does a good work, and makes ers' Association, and takes a lively inearthly labors are over.

The RURAL WORLD will continue to terests of the State. A subscriber to the RURAL at Bar- be published at the low price of one and this we should have to do, if we rieties that appear to be most profitable in that section. furnished it at a less price than we

The death of Hon. Fred Muench of Missouri, removes one of the faithful, Herne's "Hearts of Oak" will appear. earnest workers for her welfare. Mr. At Pope's Theatre that clever and dashing actor, Oliver Doud Byron, will appear all the Muench has been an occasional con-tributor to the Rubal World for the "Ten Thousand Miles Away." Next week tributor to the RURAL WORLD for the marked m strumental in bringing thousands of his countrym n to this State. He was a fluent writer and speaker, and has The wise farmer will put in a large filled many official positions in this ing to this department should be addressed

Members of the Cane Growers' Association, will be returned at one-third our present increase it will not be long of the most respectable citizens of Cincinnatias to the virtues of ozone, our present increase it will not be long of Cincinnatias to the virtues of ozone, our present increase it will not be long of Cincinnatias to the virtues of ozone, wet weather following, are covered by ly a week passes that we do not reject The weather on Chrismas day was those that we suppose to be fraudulent. generality of American flockmasters. young man.

At the meeting of the Missouri State the work of this Board devolves mainly on the secretary, and as the value of The low price of the RURAL WORLD the reports annually published depend work in furthering the agricultural in-

Nelson B. Sweeny, of St. Jacobs, Ills., we asked two dollars a year he would field, Mississippi county, Ark., in a dollar a year—we paying postage out of renewed his subscription to the Rural pay us. Be sure you have a good ram, tention and are in largest supply. Both cheerfully pay that price for it. To the private letter writes: "The government that—leaving us only about 85 cents a World, lately, saying he had taken it and then be sure you give him a good coarse clothing and coarse combing are hundreds of correspondents who have people are at work on the river here, year, the white paper and press work for thirty years, which was the best ev-

do not want us to work for them for season. The prices range from \$3 50 to There is no agricultural paper in nothing and board ourself in the bar- \$550 per barrel. Home growers howev-

MR. I. A. HEDGES: Mr. Beardsley and I reached this place last Friday morn-One of our subscribers "hit the nail ing, and have been trying to make the ducts of the goat herd. And we know on the heal," when he said that he best of it, although most of the sugar century, but every year, one by one, alysis, caused by eating of adulterated liked the RURAL WORLD because it works are closed, yet we will see enough these long devoted friends and sup- food, such as flour, lard, syrup, coffee, dealt in facts instead of theories. This in operation to make a comparison. porters are dropping by the wayside. sugar and butter. Prominent citizens was a high compliment, but it was de- We have already visited the Corine Their sons and daughters take their and physicians agree that the disease served. No agricultural paper collects plantation where everything is scienand publishes under their proper de-tifically arranged and moving off partments, more interesting and in-smoothly. They are making 20 hogs-We have given our readers due no structive facts. We have no room for heads per day. I am making careful cannot last long, as the Americans inexpect at the close of the year to part tice that the Rural World is only long-spun theories. We do not deal in notes. I do not know whether I will then to raise everything they need, if they have the means and adaptations.

ST. LOUIS AMUSEMENTS.

The holiday season is in full blast and the

periences to the columns of the RURAL is playing a magnificent engagement at the Olympic Theatre, and his play of "Edgewood Folks" serves excellently as a means of introducing his specialties. On Sunday, Jan. 1st,

The People's Theatre grows in popularity,

Shepherd.

Ratted by R. M. Bell, of Brighton, Ma-

CORRECTIONS.

In the RURAL WORLD of December 15th, the printer makes us say Messrs. Sorgo growers and manufacturers Jewett & McCully, of Jackson county, mand for the crop of 1882, as pork, beef should bear in mind that the third an- Missouri, made a mistake in underand mutton will be short on account of nual meeting of the Mississippi Val. standing the rule governing the shear-

volunteer growth. All these afford pa sheep stock will soon be standard again.

benefits of keeping at the head of their loving the friends he has loved, and record, as to purity of breeding; and to be worthy of love. So of his papers. also that he is not only capable of show- Loving a newspaper is sort of like the ing meritorious points, but is himself a love a child has for his mother. It has breeder of meritorious stock.

In Vermont the breeder with the best happy goes up or down on the merits of his stock ram. So it is among breeders of all kinds of stock. Wool growers and mutton raisers will find the same to be true with their flocks. A sheepman time for using him comes around, and son. then they have to buy what they can The continued firmness of wool in chance to prove himself.

ANGORA GOATS.

pay in this country. We do believe it does pay intelligent raisers now, and iness of supplying them with wool will continue to do so more and more promises to each year. We do not believe there has been a failure in the business where breeding, handling, and sale of the pro- ent quotations. in a country where the popularity of time before the next clip, when wool the raising of the raw staple has to pay the raisers. The manufacture of alpacas and other mohair goods is limitthe domestic goat wool is limited. This tend to raise everything they need, if as their native habitat in Asia Minor. It takes time for us to get a-going in the stock breeder. This feature of our Opera Company is presenting 'Donna study the subject in the light of practi- Wall street, has invented a scheme The scarcity of feed throughout the paper, we hope to make still more Juanita" and "Patience," two sparkling works, cal common sense, as we would any which he thinks will put a stop to the has a bad name from some who count-

> There is money in the business. AMERICANS EATING SHEEP.

pertinence: There is cause for the gen- attempt was then made to substitute eral complaint that Americans are not cars with compartments, so as to keep a mutton eating people, and that cause the cattle separate, but this rendered is found in the fact very few Americans the cars unfit for any other purpose on have ever eaten mutton of good flavor. the return trip, and was abandoned. Englishmen who have been accustomed to the mutton of England, grumble not simple one. It is to establish a number of the mutton of England, grumble not simple one. a little because the meat sometimes set before them in this country when they order mutton tastes strongly of the fleece. They declare such stuff unfit to load of cattle on board gets within eat; we are scarcely prepared to deny twenty miles of one of these restaurants their assertions. Yet there is scarcely a telegram will be sent to the officer in county in any of the States where a charge, and when the train arrives evheep giving a good fleece, and a fairly erything will be in readiness heavy carcass of mutton of fine flavor, would not pay well even now; and they en pot, will contain food and water, will be much more profitable when hav- run into them through rubber pipes ing learned that good mutton is very palatable meat, Americans will have be-

methods of making syrup and sugar, we are sorry about it. Again, in our the west, have driven the farmer of when the car, which need be nothing both at the south and north, will be sheep ranches, the typo read our copy, the middle States to cast about for a more than an ordinary cattle car such membered on Christmas day by the presentation of a monster fat turkey by P. M. Kiely & Co., the well known fruit and general commission merchants. 719 will with any sheep, giving at once good meat, and good wool. We confivery good, as Messrs. Drane & Bolling, the leading growers there offer a quarter of a million plants for sale. Chicago consumes most of the crop produced there would not pay two or three dollars a year. It is our hope and purpose to put it far ahead of any other agricultural paper, not only there will be a very useful one, and earnestly hope in practical value to the farmer, the same many will come to it as possibly can.

B. Johns of Kansas, H. Bugene Condition flates, B. Purkey, W. Barg Casey and flates, and only fine, from Texas particularly, and is yet. Prices have been low any other agricultural paper, not only in practical value to the farmer, the same many will come to it as possibly can.

B. Johns of Kansas, H. Bugene Condition flates, B. Purkey, W. Barg Casey and flates, B. Purkey, W. Barg Casey and flates, and only fine, from Texas particularly, and is yet. Prices have been low any other agricultural paper, not only in practical value to the farmer, the same whole length of the outlook for feed, and prices of wool at flates.

B. Johns of Kansas, H. Bugene Condition flates, and only fare restaurant, the bar by which it is purkey. The demand has been unusually fine, from Texas particularly, and is yet. Prices have been low any other agricultural paper, not only in practical value to the farmer, the same whole length of the common flates.

B. Johns of Kansas, H. Bugene Condition flates, and prices of wool at the demand has been unusually fine, from Texas particularly, and is yet. Prices have been low any other agricultural paper, not only in practical value to the farmer, the bar by which it is purked.

B. Johns of Kansas, H. Bugene Condition flates, and prices of wool at the demand has been unusually fine, from Texas particularly flates.

B. Johns of Kansas, H. Bugene Condition flates, and prices of wool at the demand has been unusually fine, from Texas particularly flates, and prices of wool at

A GREETING.

My dear friends of the Colman's Ru RAL WORLD editorial corps, as well as to the whole office-I feel to-day a satisfaction in wishing you all a merry years or more, and has made me glad over one thousand times. Shall a man The sheepman who would make his allow such a joy to come into his house business profitable, must look well to so many times, and not be glad? As little stress is placed upon this by the readers of its columns, as I was when a

It pleases a man to find his children no selfishness in it.

May many merry Chistmases and appy New Years come to you and ram has the precedence. A man there your life work, and may it like, you name and features go ily promises to. name and features, go ily promises to tions as it now so happ R. M. Bell.

The Wool Market.

The dullness noted on the first of the month continued up to within a few should feel as much pride and show as days, when some improvement in the much enthusiasm in keeping in proper demand for fine and good medium condition and showing his friends his clothing and combing was noted. Usustock ram, as horsemen or cattlemen do ally at the end of the year there are in showing the pride and hope of their many lots being closed out, and the herds. Too many put off securing their market is apt to be weak, this condition needed and long promised ram until the of affairs has been looked for this sea-

pick up. They promise to do better Europe at the late advance, noted in renext time, and have for years, with the cent English and continental circulars. same results. Such breeding and such may stimulate holders in America, espride in our flocks shows itself upon the pecially as it is believed that sooner or wool market of this country-too much later it will be developed that the presundesirable, unsatisfactory wool. This ent supply will be insufficient for the comes from shiftless, careless breeding, requirments of the machinery without

study the needs of the manufacturers, lightest supply. Well bred fine grades as well as they need to study the deare also in reduced stock and the inmands of the cloth market. It is busi- quiries from manufacturers are turning ness to them and pays them; so it will in this direction. Coarse and low me neglected, but we look for all of these wools to be required by manufacturers ANGORA GOATS.
Why do not the raisers of Angora though it may be late in the spring before goats say something in their favor. We they become scarce. There has been have tried to provoke some kind of a retort from them, by abusing them in year than usual, and less of the good all kinds of villainous ways, and with medium and fine, so that the most de out success. We do candidly believe sirable grades of good medium sell at the raising of mohair-goat's wool, will the low medium and coarse.

Mills are well employed, and the buspromises to be large during the next six months, and we think with strong probabilities of values improving, although for the next thirty days it may proper attention has been given to the be difficult to get anything above pres

The feeling of the trade strongly inclines to the belief that there will be a mohair goods exists as in this country, will be very scarce and higher, but as long as manufacturers are indifferent, they can keep the market weak until the actual scarcity of stock gives sellers the advantage. At present, prices are ed somewhat now for the reason that in buyer's favor for all grades except the domestic goat wool is limited. This showing a merino cross

JUSTICE, BATEMAN & Co.

Che Cattle Pard

Cattle Restaurants.

Mr. Alfred D. Tingley, of the Huit, even if there are jokes at the expense unfit condition caused by this treatof these who have failed. The business ment. Formerly he invented a feedcar, which was tried, but was not a suced their chickens before they were cess. The grain and water was placed hatched. It will not be so always. on the roof, and passed down by pipes

when required; but the troughs in the crowded cattle cars got dirty, and the Says the Breeders' Gazette with great animals refused to eat out of them. An

> from tanks above. The train will stor between two rows of these troughs those on one side containing water, an those on the other side holding four

tain phos amo and hay whe hay whe hay The nips for he hay I have been nare being peop One out this from than than The entir The entir The central they whether and the phone out they who have the central they was the central the central they was the central the central the central they was the central the cen The eattle tinue so no this is the or

CATTLE NOTES.

As showing the value of good cattle, it is stated that the herd of Short-horns owned by Abram Renick, of Winches-ter, Kentucky, consists of about one hundred head, for which, it is reported, he has been offered \$200,000 and refused it; and yet the old gentleman is over 70 years of age, and has no wife or child.

The prospect of an open winter will are inclined to sell as few as possible this year, and to trust to the natural increase to make up for former losses. This policy limits to a considerable ex-tent the hide supply from this source.

and cut from their own stocks, and those of Dougherty & Bourland, and Hall & Spark Bros. This insures them and to be strictly first-class northern Texas cattle. They will in all proba-bility be the finest herd of two-year-olds that have ever been put up in Texas.

Stockmen who have raised the hornless Augus cattle on the western plains say that they can be reared and marketed there, for ten to twenty per cent. less cost than horned beasts. Add to this the greater economy in transportation and the higher price for the beef in the English market, and the breeder has some pretty strong motives for preferring them above the pugnacious horned shipped 52 hogs to Hull & Steele, the

Stock would thrive better on all about to 65 head that averaged 256 hs. Sands and sold for \$6 10.

No one who keeps sheep should allow a night to pass without counting them, and passing amongst them, observing arrefully any change or defect in their appearance. Be careful that they are safely housed, and provided with clean droves of cattle for Shelton & Company, of safely housed, and provided with clean fresh bed, every night, against the cold storms of winter. Do not allow them to be ill-treated and abused, and your

of Caldwell, Kansas, for \$61,500. ranch embraces about 3.000 head of catsanch embraces about 3.000 head of cat-tale and ranch outfit. The sale includes Mr. Tuttle's interest also. "Bud" re-ports the Pan Handle rapidly filling up with cattle and the range good. He says our section of Texas is attracting much attention from stockmen generally, and hopes to see our portion of the State loom up as of yore in the stock line.—Pleasanton Monitor.

The best beef is young beef, reaching its greatest point of superiority at from two to three years. The same is true of sheep and swine. A wether, for the best mutton, should be market at two years. As a general rule, a 250 pound pig is much better in quality and more profitable than a hog that weighs 500 ranged. The roint of appreciation of pounds. The point of appreciation of quickly matured animals is being reached, though somewhat gradully, and it remains to improve the various.

1. Ensinger, of Versailles, Mo., shipped at once, or at least, very soon, because soak-less sheep that averaged 83 lbs, and sold at 3 ed., cooked, or steamed rye or rye-meal, on and it remains to improve the various. and it remains to improve the various breeds especial regard being taken to carefully select those animals to breed from that come to maturity at an early

J. L. Keller, of Sun City, has sold his cattle and ranch to Dennis & Perry, recently from Missouri. To show the profits of cattle raising we will just state that last year Mr. Keller bought \$3 Texas cows, paying therefor \$12 per head. Week before last he sold those same cows for the snug sum of \$2,285. These cows had 27 calves which he sold year. In what business could this gen-tleman have invested that amount of money with better returns.—Medicine Lodge (Kan) Lodge Lodge (Kan.) Index.

amount of potash. Next to these beans and peas, malt dust and bran. Clover hay yields a richer manure than oats, wheat, barley or corn, while meadow hay stands before the cereal grains. The various grains and roots, like turnips, carrots and Swedes, contain about same proportion of nitrogen in their dry substance; the roots, however, supply much more potash. Potatoes stand below other roots in manurial value. Straw takes the lowest place as a manure-vielding food, bean and pea straw being more valuable for this purpose than the straw of the cereals.

Some of the customs out on the stock ranges would be rather surprising to people in more settled communities. One of the customs is for the men when out gathering up stock to go to the nearest camp, or house, at night. What this may involve will be understood from a recent case at Mr. Jacob McKissick's camp, in Lassen county. He had just got there with a lood of provisions, when 53 vaqueros came in to supper; they remained in the neighborhood three days, and in that time ate up his entire load. No charges are ever made. The men ride up, pull the saddles off their horses, turn them to a haystack. and then go into the house expecting to find food; after eating, they tumble into the hay. In the morning they are up, eat breakfast, and off by daybreak.

Greenville Bulletin.

sattle and ranches in a few hands conany species of animals, in the perpetua-can punch a knife or forceps right through this method of raising and grazing cat-the on the plains has commenced, there the on the plains has commenced, there tinues. Never before has there been end. It was only last week when we reported the sale of the Jones Bros.' ranch and cattle in Colorado to a stock company for \$625,000,. And now we have the confirmation of the sale of Capt. Kennedy's ranch in Texas for \$1,250,000 to the same parties. This is he largest single stock transaction ever ade in the west. "Uncle" Henry ephens, as he is familliarly known in the trade, is said to have engineered the sale, and received for his commis-Johnson was in the eity last week, but refused to give details. The estimate, \$50,000 acres of land, something over 50,-000 cattle and 3,000 horses and mules, he admits is not far out of the way.

tions of markets. It will be taught by experience that prices of grain and the must allow the Norman, Clydesdale, experience that prices of grain and the must allow the Norman, Clydesdale, by this means, and the fact that there are meats and dairy products that are illege of the appellation on an equality, rockier and rougher than ours, where the art made from grain, seek a common level. It is just the same in the bovine species. It is just the same in the bovine species. It is just the same in the bovine species. All ridden and driven barefoot, that we in the near future, and the farmer who sells his calves or verylings to save. The prospect of an open winter will prevent in a great measures the usual marketing of cattle from the western ranges. The cattle men, who lost heave the savere weather of last winter, are inclined to sell as few as possible winter, are inclined to sell as few as possible winter, are inclined to sell as few as possible winter, are inclined to sell as few as possible winter, are inclined to sell as few as possible winter, are inclined to sell as few as possible winter, are inclined to sell as few as possible winter, are inclined to sell as few as possible winter, are inclined to sell as few as possible winter, are inclined to sell as few as possible winter, are inclined to sell as few as possible winter, are inclined to sell as few as possible winter, are inclined to sell as few as possible winter, and to trust to the neatural in
who sells his calves or yearlings to save Jerseys and Alderneys are the only exbis corn is going backwards. It would clusive thoroughbreds of the species, while it is a known stubborn fact that, the Galloways of the Galloway districts of Scotland, are an aboriginal. Therethe success of the ventures of Messrs

The success of the ventures of Messrs

Couraged those gentlemen, for they have many other thank the Durhams, the therefore is a success of the ventures of Messrs

The success of the ventures of Messrs

Couraged those gentlemen, for they have many other the only exbis corn is going backwards. It would clusive thoroughbreds of the species, while it is a known stubborn fact that the only exbis corn is going backwards. It would clusive thoroughbreds of the species, while it is a known stubborn fact that the only exbis corn is going backwards. It would clusive thoroughbreds of the species, while it is a known stubborn fact that the only exbis corn is going backwards. It would clusive thoroughbreds of the species, while it is a known stubborn fact that the only exthe success of the ventures of Messrs

The success of the ventures of the state, while it is a known stubborn men who have no cattle, nor are they vons, the Herefords, and many other men who cannot see farther than their breeds are also bred in and in and are men who cannot see farther than their noses, but they are those who have look-This policy limits to a considerable extent the hide supply from this source.

Barefoot & Bryant have recently sold to Rumrill & Williams 5,000 two-year-old steers, to be delivered in the spring, and cut from their own stocks, and profit if they are well bred.-Traer

Stock Yard Notes.

week. There were some good droves of hogs brought in that brought good prices.

Good butcher cattle are selling now at from species.—John N. Navin, in Western 75 cents to one dollar higher than they commanded a month ago, and commission men say that they think these prices will be sus-

ome pretty strong motives for prefering them above the pugnacious horned mimals.

McGarry & Ellwood, of Augusta, Kan., shipped 52 hogs to Hull & Steele, that averaged 322 lbs. and sold for \$6 30 per cwt. Also a lot of 63 head that averaged 258 lbs.

droves of cattle for Shelton & Company, of Burlington, Mo. One drove of 16 head averaged 1,370 lbs and brought \$505, and the if fed dry, without any further preparation and sold for \$5 65 per cwt.

that averaged 260 lbs and sold for \$6 20. Wisewell & Tully, of Concord, Ill., shipped

54 hogs that averaged 280 fbs, and sold for

Fifty-nine head of hogs averaging 298 lbs, and belonging to L. B. Hargrove, of Minoka, Kansas, were sold at \$6 35 per cwt. McKittrick & Vandine, of Augusta, Kan.,

brought in a splendid drove of 139 head of hogs, that averaged 295 fbs, and were sold for \$3 $12\frac{1}{2}$ cents per cwt.

Kregg & Button, of Pleasant Hill, Mo., sour in a short time and shipped 48 head of cattle, that averaged 1,326 than any other grain.—Ex. ibs, and sold for 51/2 cents per pound.

J. L. Sturges, of Moline, Kansas, shipped 36 head of cattle averaging 1,200 lbs, that were sold at 5 cents per pound.

C. H. Keat, of Denver, Mo., shipped 58 for \$6 30 per cwt.

C. M. Woodall, of Osceola, Mo., shipped 17 cattle that averaged 1,040 lbs, and sold at \$4 30 per owt.

G. W. Vail, of Vermont, Ill., shipped 31 at \$10 per head—making a clear profit cattle averaging 1,170 lbs, and that sold for on those Texas cows of \$1,499 in one \$4 90.

\$6 10.

Messrs. Irons & Cassidy & Scruggs & Cassidy sold 96 elegant hogs for N. Hipsley, of Vermont, Ill. These hogs brought down the beam at an average weight of 334 fbs, and sold for \$6 50 per cwt.

cents per pound. N. G. Elliott, of Fayette, Mo., sent in a very fine large drove of 259 hogs that aver-

aged 2701/2 fbs, and sold for \$6 30.

Che Horseman.

trotting horses should be readers of Wallace's Monthly, published by John West, and in this connection it is a signifi-H. Wallace, 212 Broadway, N. Y., at \$3 cant fact that the proportion of blind horses per annum. Mr. Wallace has studied is considerably less in the east than in the the principles of breeding trotters, very closely, for a score of years, as exemplified in actual performances on the turf. His magazine is elegantly printed, and the sinuses of the head are filled up, and let contains matter of great value to the general stock breeder, and is really indiscount to the breeders of borses. dispensable to the breeders of horses.

Thoroughbred.

The definition of the appellation thor-The concentration of large herds of oughbred, is true bred, exclusively bred, within any particular family or stock. ble, but strictly crossed within itself.

Species in Reed's American Dictionary means a sort, a kind, a subdivision, a class, an order of beings, so we have the horse species, the ox, the sheep, etc., each being divided into thoroughbred each being divided into thoroughbred subdivisions, such among horses as the Rauer, the Clyde, the Norman, the Suffolk and many others. Such are all thorough and true bred. For example the thoroughbred race horse is the relationship of the thoroughbred race horse is the relationship of the subdivisions, such among horses as the should carry a high head without a check rein, and the higher he lifts his front feet when trotting, the more money he will bring. Why this style of horse is not specifically bred for, is a mystery in the history of horse this demand, the horse should carry a high head without a check rein, and the higher he lifts his front feet when the should carry a high head without a check rein, and the higher he lifts his front feet when the horse should carry a high head without a check rein, and the higher he lifts his front feet when the horse should carry a high head without a check rein, and the higher he lifts his front feet when trotting, the more money he will bring. Why this style of horse is not specifically bred for, is a mystery in the history of horse is not specifically bred for, is a mystery in the history of horse is not specifically bred for, is a mystery in the horse is not specifically bred for, is a mystery in the horse is not specifically bred for, is a mystery in the history of horse is not specifically bred for, is a mystery in the history of horse is not specifically bred for, is a mystery in the history of horse is not specifically bred for, is a mystery in the history of horse is not specifically bred for, is a mystery in the history of horse is not specifically bred for history of horse is not specifically bred sion \$100,000. Gus. Johnson represented the thoroughbred race horse is the rethe purchasers, and it is thought is sult of crossing of true bred into one distinct breed, and keeping it from adulteration with any other of its species-for example, of a thoroughbred

should be kept on the farm independent of all circumstances, and what grain they require to grow them, they should have regardless of the flunctua-

thoroughbred.

The term thoroughbred is applicable to any exclusively bred stock of animals At the National Stock Yards sales of real good stock have been scarce for the past Sportsman.

Rye as Food for Horses.

For horses which have to do hard and exgrinding and then by cooking or bakingand constitutes only a portion of the grain that is given, or is fed together with oats or corn and with cut straw. It preserves the muscular strength or the working powers of the horse better than anything else, and do numbered 36 head, averaged 1,240 lbs, or without being thoroughly mixed with was did for \$5 65 per cwt. having just sold out his interest in the Chapman & Tuttle ranch in the Pan Handle to Miller, Rhodes & Aldridge, of Caldwell, Kansas, for \$61,500. formed a fatal colic is often the result. One part of rye and two parts of either oats or corn, together with some cut straw and a sufficient amount of hay, constitute an excellent J. H. Self, of Woodson, Ill., shipped 37 necessary precautions are taken, can be given the ad of hogs that averaged 270 ibs and sold of digestion than rye-meal, but it too should of digestion than rye-meal W. Edwards, of Jewell City, Kansas, shipped 60 head of hogs that averaged 284 lbs and brought \$6 15. with hot water. If thus prepared it is considered a trifle more nutritious than wheatbran. Wherever it is concluded to feed rye to working horses—for horses that are idle, or for colts it should be out of the question— the simplest way of making it easier of digestion is to prepare it by soaking, cooking or steaming, according to the facilities existsour in a short time and spoil much sooner

Horse Notes.

It is an old adage to give the animals all they will eat. It would be better to say give them all they can digest. There are a great head of hogs that averaged 278 hs, and sold discost Anals which eat more than they can digest. As a general thing horses which stand in the stall idle eat much more than

For horses, sawdust is often used as bedding, and, if carefully used in the proper quantity, serves a good purpose, and does no injury to the manure. Hard wood sawdust is, however, preferable, and the shavings of a planing mill will do about as well, or, per-

ate them, with nature for a doctor. He avoided the purchase of all animals with bad blemishes or incurable diseases, but when a horse was simply lame, worn down, or, in other words, needed a vacation, he would purchase him at a low price, and after one, it was or three remarks? It in from 10 to 15 minutes by a single at them. I know of people who blemishes or incurable diseases, but when a take it three times a day as a preventive of disease, and as a refreshener in hot weather. It quenches thirst also better than anything else. No sugar. sold for \$6 50 per cwt.

Birwag Bros., of Glenwood, Mo., shipped would be able to sell him again, after put-85 sheep that averaged 109 ths, and sold for ting him into a little condition with corn, erywhere acknowledged to be the standard for two or three times the amount paid for remedy for female complaints and weakness

Horses should be provided with warm sta bling. No other farm animal is so sensitive to cold. The coat of the hog is no warmer than the horse's, but it has a greater comthan the horse's, but it has a greater comparative amount of fat and its organs are eighty pounds for each stag. Dead hogs more closely aggregated; while the kine are sell at two cents per pound for weights provided with a much thicker hide and averaging 200 pounds and upwards, and Those who are interested in breeding blindness of horses is due to exposure to ex-

Big head is osteo sorcomb, cancer of the bone. It may arise from a blow on the side of the face or jaw, or neglected catarrh when eyes, and on the side of the nose. It swells netimes from two to five inches thick. and turns the nose off to the opposite side, and interferes with the breathing, making him blow as though his wind were cut off. It makes it hard to chew, so he gets thin, and the bone becomes soft and cheesy; you can punch a knife or forceps right through

There is a limited but high-priced demand for fine carriage or park horses. The prices more thousand dollars, depending more upon style, carriage and color than speed or size, though the weight must be upward of 1400 breeding. I have known as high as \$5,000 to be paid for just such an animal. The market for this style of horse being limited, it might not pay for large numbers of breeders, but at present it looks like a most inviting field for special breeding.

he admits is not far out of the way.

We are of opinion that farmers are keeping corn from cattle this winter without due consideration, and selling off young stock too freely. Experience will indicate that a uniform supply mare is crossed by a Clydesdale, the off-series of the way.

M. C. Weld, of New York, says: "With me it is a great desideratum to have my half bred Clydesdale, the Clydesdale horses shod as small a part of the year as possible. They are surer footed; their feet are in better order; they travel freer on short journeys—I have not tested them on long ealled aboriginal breeds; that is to say ones; they do not injure one another by kick-specific products.

M. C. Weld, of New York, says: "With me it is a great desideratum to have my horses shod as small a part of the year as possible. They are surer footed; their feet are in better order; they travel freer on short journeys—I have not tested them on long ealled aboriginal breeds; that is to say ones; they do not injure one another by kick-specific products.

Solution

One is a fine in the same of the way.

Solution

One is a great desideratum to have my horses shod as small a part of the year as possible. They are surer footed; their feet are in better order; they travel freer on short journeys—I have not tested them on long ealled aboriginal breeds; that is to say ones; they do not injure one another by kick-specific products.

Solution

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Solution

One is a great desideratum to have my horses shod as small a part of the year as possible. They are surer footed; their feet are in better order; they travel free on short great products.

Solution

One is a great desideratum to have my horses shod as small a part of the

Ascot, Epsom, Goodwood, and Doncaster, for two and three year olds. Among the princi-pal events may be noted the Middle Park Lark colts, and Amy Farley colts; and Mr. Lorillard, the English bred colts, Kantaka and Siddartha as well as the American-breds, Clare, Massasoit, Winnebago, Comanche and Wenonah. In the Fifth Great Challenge Stakes, to be run at Newmarket, in October 1882, Foxhall and his brother, as well as Gerald and Sachem, are engaged, as is Bruce, the favorite for the next Derby, Peter, Kermesse, and Geheimniss.

Don't Whip a Frightened Horse.

It seems to be a characteristic failing of most coachmen to lay the lash on a horse hausting work every day, have to pull heavy that exhibits fear at an object in the street loads, rye is an excellent food, provided it is or besides the road. Mr. Bergh, president artificially prepared for digestion-first by of our society for the prevention of cruelty to animals, says in the organ of that society, what every reasoning being ought to know and that is never to whip your horse for be coming frightened at any object by the roadside, for if he sees a stump, a log, or a heap of tan-bark in the road, and, while he is Overstreet, Ferris & Co., sold two fine not favor an undesired accumulation of fat. eyeing it carefully, and about to pass it, you strike him with the whip, it is the log, or stump, or the tan-bark that is hurting him in his way of reasoning, and the next time he will be more frightened. Give him time to smell all of these objects, and use the bri-dle to assist you in bringing him carefully to those objects of fear.—Scientific American.

> The huge, drastic, griping, sickening pills re fast being superseded by Dr. Pierce's are fast being superseded by Dr. Pie "Purgative Pellets." Sold by druggists

> To keep hams, I slice the meat from the hams and shoulders. Then I put it in a tub or stone jar and salt it enough Mor table use, leaving it over night. Then I put my skillets on the stove and go to frying. As I take it from the stove I pack it in stone jars, I first put in a layer of meat a d then sprinkle black pepper over it. In this way I keep on frying and pressing the meat in the jars as tight as I can with a potato masher until my jar is within half an inch of being even full. Now I put a weight on it until the next day. Then I take the weight off. I fill up with melted meat frying or melted lard, and tie the jar up, and set it away. I fry the meat a little harder than I would for immediate table use, and am very careful not to drop water in the jar. In this way I have kept meat from February to October; and the last that was used was as nice as the first. As I take meat out of the jar from time to time I melt the lard and pour it carefully back into the jar so as to keep the air from the meat.—Ex.

I do not think there is an hundreth part of lemon juice used generally as its valuable qualities would seem to com-mend. I know of nothing better as a stomachic corrective as well as a strengthener of the nervous system. We all know that it is used for rheuma tism, and I have no doubt is also good for gout, if taken regularly three times a day and at least half a gill at a time haps better. Care must be used, however, as to the quantity, for if in large excess, it or no water at all. It is not unpleasant, or no water at all. Lodge (Kan.) Index.

As to the manurial value of different cattle foods it is found that the oil cakes yield the richest manure, as they contain the largest amount of nitrogen and whospheric seid, with a considerable depends on the cattle foods it is found that the oil cakes yield the richest manure, as they contain the largest amount of nitrogen and whospheric seid, with a considerable depends on the cattle foods it is found that the oil cakes yield the richest manure, as they contain the largest amount of nitrogen and the cattle foods it is found that the oil cakes yield the richest manure, as they contain the largest amount of nitrogen and the cattle foods it is found that the oil cakes yield the richest manure, as they contain the largest amount of nitrogen and for no water at all. It is not unpleasant, one soon becoming accustomed to it, and would rather drink it than pure other day, purchasing broken-down horses of the day, purchasing broken-down horses to the quantity, for it in large scess, it one soon becoming accustomed to it, and would rather drink it than pure other day, purchasing broken-down horses of the quantity, for it in large scess, it one soon becoming accustomed to it, and would rather drink it than pure other day, purchasing broken-down horses of the quantity, for it in large scess, it one soon becoming accustomed to it, and would rather drink it than pure of the quantity, for it in large scess, it one soon becoming accustomed to it, and would rather drink it than pure of the quantity. The quantity is applied, especially if of a clayey nature.

We met a gentleman in a large city, the other day, purchasing broken-down horses the quantity is applied.

Dr. Pierce's "Favorite Prescription" is ev es. It is sold by druggists.

All sales of hogs in the Chicago marsavier coat than the horses. Much of the at one cent per pound for lighter

Che Markets.

St. Louis, December 21, 1881. [Prices herewith are for round lots in first hands. Small order lots charged at higher

prices. Small order lots charged at largaer prices. Buyers pay first ten days' storage, except in special bins.]

FLOUR—Sales: 33 bbls at \$4 75, 18 at \$4, 90 at \$5 10 del, 55 at \$5 25, 78 at \$5 40, 125 at \$5 65, 100 at \$5 75 del, 200 at \$6 15, 125 at \$6 40, 110 at \$6 55, 200 at \$6 65, 75

at \$6 95, 175 at \$7, 200 on p. t.

Conn Meal.—Active and firm. Sales of city on orders at \$3 35@3 40 del. Grits, nominy and pearl meal at \$5. BUCKWHRAT FLOTE-Demand light. Choice

New York at \$9 00. RYE FLOUR-Firm at \$6 00@6 25, as in

WHEAT-No. 2 red at \$1 32. No. 3 red at \$1 25%, No. 4 at \$117. Mediterranean— No. 2 at \$1 36%, No. 3 \$1 30. Corn—No 2 mixed at 64c, No 2 whitemixed at 69c, rejected white-mixed at 651/60 rejected 60c,
OATS—No. 2 at 45%c, mixed at 49%c,

prime at 53c.

Rys—Grade No 2 at 981/c. Samples at

BARLEY-At 85c@\$1 06.

Hax—Prime prairie at \$14 25, choice at \$21, prime timothy at \$19 50, choice timothy at \$22.

SCAB!

SCAB!

WOOL GROWERS

whose flocks show scab or vermin are reminded that Ladd's TOBACCO SHEEP DIP is guaranteed to ERADICATE SCAB and VER-MIN as surely in mid-winter as mid-summer. Those who have used other dips with no or partial success, are especially invited to give ours a trial. Its use more than repays its cost in an increased growth of better wool A sound flock will thrive on feed requisite to keep a diseased one alive. Our new pamphlet, 56 pages, ready for free distribution. send for it. LADD TOBACCO COMPANY, NO. 21 N. Main, St. Louis, Mo.



BUTTER-Very little doing: supplies of all scriptions ample and prices unchanged— ady on desirable grades but generally Fair to medium stock slowest of sale most plentiful, and most depressed, We quote: Creamery at 35@36c to 37@40c— latter for fancy: dairy packed—choice 30@ 32c, and selections 33@34c, good to prime do 23c to 27c, low to fair do (including country packed) at 15c to 20c. Roll—fresh sweet Northern at 24@25c—single pkgs fancy dairy roll 1@2c more; choice near-by make 18@24c. Sales: 21 tubs prime at 28c, 20 choice at 30@33c, 14 creamery at 35c, 12

Cheese-Full cream-mild late make $11\frac{1}{2}$ @ $13\frac{1}{2}$ c, sharp $8\frac{1}{2}$ @ $9\frac{1}{2}$ c; prime to choice part skim 8@ $8\frac{1}{2}$ c, hard skim 4@5c, low 2@3c.
Eggs—Dull and easier; light sales on local

ecount, at 25c gauranteed fresh; larger lots as well as old and preserved, nominal, as well as old and preserved, nominal,
Gamm—We quote: Grouse at \$5, quail
\$1 50; ducks—mallard \$1 25, teal \$1 25,
snipe \$1, plover 50@60c, rabbits \$1 25,
squirrel 60c; deer 6@7c \$\text{P}\$ ib gross; wild

turkeys 7c; possum 5@25c.
Porators—In steady demand and firm.
We quote: New York Peerless \$1 17; rose at \$1 22½; burbank \$1 25; Northern \$1 05@

Sweet Potatoes-Home-grown red Nansemond at 400@4 25 per bbl; yellow do 4 50 @4 75 in shipping order. Cabrage—Dull at \$1 50@2 per bbl.

CABRAGE—Dall at \$1 50@2 per 50i.

SAUEE KRAUT—Dull at \$9@9 50 \$\text{P} bbl.

and \$4 75 \$\text{P} half-bbl.

CRLEEY—In fair supply and quiet at 25@
50c per bunch as in kind. TURNIPS-Sell in shipping order at 75c@ \$1 per bu.

WHITE BEANS—Prime at \$3 25. APPLES—We quote: Geniting at \$2 50 @3 50, Winesap and Willow Twig at \$3 50 @4 50, Ben Davis at \$5 00@5 50. DRIED FRUIT—In demand and firm. Apples at 51/4c for fair to 6c for prime and 61/4c

for bright new. Peaches at 5\(\frac{4}{06} \).

PEANUTS—Demand only for choice. Red 1/2 @40, white 4/2 @5.
PROANS--Firmly held. Western 71/2 @80,

exas 8c. Grass Seeds-Timothy at 2 40@2 55; Gernan millet \$1@1 40; Hungarian 65@75. FLAXSEED—Better and more doing; firm

\$1 33 pure test. HEMP SEED-Nominal at \$1 25@ bid for ound lot choice. CASTOR BEANS—Not wanted above \$1 75

for prime. Salt—Lake sells at 1 35@1 40 per bbl; SALT—Lake sells at 1 35@1 40 per bbi; G. A. at \$1 10@1 20 per sack. Hors—New crop sells at 29@31c. Bones—Sell at from \$16@21—latter for

dry buffalo. Wood-Tub-washed choice at 38c, fair at

34@37c, dingy and low at 30@33c. Un-washed medium 24c, choice 25c, low and coarse 18@20c, light fine 22@23, heavy do 15@18c. SHEEP PELTS-Green 50@85c, dry salt

DEER SEINS-Bug-eaten, salted and damage ed at 25c to 30c; Prime dry 38 to 40c.

CATTLE—Export steers \$600@640, good to heavy steers \$575@600, medium to fair steers \$5 00@5 65, fair to good Colorado steers \$4 75@5 60, fair to good stockers \$2 75 @3 25, fair to good feeders, 1,000 to 1,100 lbs. \$3 40@4 05, native cows, common to choice \$2 25@4 15, native heifers, fair to choice \$3 25@4 25, common to choice native oxen \$3 00@4 25, good to choice corn-fed l'exan steers \$4 00@5 25, medium to fair corn-fed Texan steers \$3 25@3 70, inferior to common mixed \$3 00@3 25, common to good grass Texans \$2 50@3 45, milch cows with calves \$20 00@50 00, veal calves \$5 00

@10 50, Scalawage of any kind 1 50@2 25. Hogs-Yorkers \$5 75@5 90, fair to good packing \$5 80@6 00, good to choice packing \$6 10@6 20, extra heavy and butchers \$6 30@6 40, singers \$5 55@5 60, common o choice skips \$4 00@5 00. SHEEP—Common to medium muttons \$2 85

@3 25; fair to good muttons \$3 25@8 65; good to choice muttons \$3 85@4 50; stock sheep \$2 00@3 00; lambs per head \$1 50@ 3 00.

Our reporter having given in the matte to his interview with Dr. Hunter so near the time of our going to press lest week, we could not find space to add the last paragraph without changing the forms of le paper. Hence it wrs omitted. It was as follows:

"Then doctor you consider Bronchial diseases curable? To which the doctor replied: "Certainly, in every case where the patient has a reasonable degree of vitality left. My own practice in this city proves that. In the past yeer I have only been called on to sign one death certificate here, and that was for a child who died from an acute disease of an entirely different nature.

SHELL MARI

Any one having a deposit to

A Jersey bull calf, nearly solid fawn. Sire and dam registered. Sire Hoyalist 4th; dam a daughter of Rix, and a very rier milker. Calf dropped Dec. 7, '81. R. Hood Si arta, Ill. 52-2

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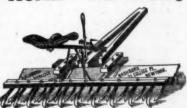


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uct the 10 cts.
VICK'S SEEDS are the best in the world. The

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AND LEVELER. timothy at \$22.

HEATP—Common and undressed \$95@100; good to choice \$105@120; dressed \$160 to \$190; shorts \$130@150; hackled tow \$66@75.

Onions—Lower and dull. Choice Eastern Yellow at 85@95c per bu.

POULTEX—Turkeys 86% lb; Chickens—small to fair 1 75, good to choice 2@2 25, fancy \$2 25; ducks—medium to good 2 00 @2 50, choice and fancy 2 75@3 00; geese

FOR SALE.

AND LEVELETA.

The "ACME" subjects the soil to the saction of a rusher and Leveler, and at the same time to the Cutting, Lifting Turning process of double rows of steel Coulters, the peculiars approach to the cutting pewary and subject the soil to the same time to the Cutting, Lifting Turning process of double rows of steel Coulters, the peculiar shape and arrangement of which give immense cutting pewary arrangement of which give immense cutting pewary for the soil to the same time to the Cutting, Lifting Turning process of double rows of steel Coulters, the peculiar shape and steel Coulters, the Cutting, Lifting Turning process of double rows of steel Coulters, the peculiar shape and steel Coulters, the Cutting, Lifting Turning process of double rows of steel Coulters, the peculiar shape and steel Coulters, the Cutting, Lifting Turning process of double rows of steel Coulters, the Cutting, Lifting Turning process of double rows of steel Coulters, the Cutting, Lifting Turning process of double rows of steel Coulters, the Cutting, Li

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HER LETTER.

My friend, I have just read your letter With a feeling of exquisite pain; For a vision arose of the old, old days That never can come again. Of days that were full to completeness Of laughter and sunshine and song,

broadest and wildest ambitions When life was so supple and strong. Now, the swift flying moments but mock us The swist nying moments but mock us,
The sunshine is pulseless and cold;
As I silently fold up the paper,
I feel that we're both growing old.
Growing old! How the word thrills and

Do you know what it is to grow old? Tis of all that is brightest, and dearest, And fairest, to loosen your hold.

To watch all the roseate splendor Fade out of our life's changing sky; To gather the fast-fading bloss And hopelessly weep as they die. To feel, as you garner your harvest, That all your ambitions are chilled: ase of an infinite longing-A want that can never be filled.

'Tis to turn with a wearisome heartache From morning's broad promise of light, And sit down, discouraged, despairing, To a lonely hand-clasping with night. To feel that the evening approaches As you never have felt it before; The sweetness all gone from the sunshine The light faded out on the moor.

Dear friend, I may never more meet you-Time's changes I never may know; I shall think of you always as Daisy, My girl friend of long, And I-ah! the cares of a lifetime Have brought me a ruinous spell-Of the woman who pens you this letter, Not a feature recalls little Nell. NELLIE MCVEY.

Letter from C. M. Hope.

"Many knotty points there are

Which all discuss, and none can clear." Just it, Bon Ami. You can't give us positive proofs of all your assertions impiled against woman. Egotism and partiality for your sex is plainly visible have we done, dear sisters of the Home ry meetings.

Circle, to merit this unexpected effusion from this great Prof. Bon Ami? The world renowned Prof. Bon Ami, machine that worked button holes. I has assailed the gentler sex with the most dangerous of all weapons -the pen. Ah, dear sisters, let us be brave and we can easily win the battle. If we are last meal was four of our finest Brahma small in stature, we can prove to Prof. hens. Not having a man to kill it, we Bon Ami that our mind isn't impaired put a dog in the hen house, and since thereby, whenever we wish to make use of it. Let us not fear the inefficacious refragable. "We may seem to yield on parley, but are stormed in vain." Prof. Bon Ami reminds me of a poor mod-Bon Ami reminds me of a poor mod-Nothing would give me more pleasure ernized swell. Poor Prof. Bon Ami,don't than to meet Cousin Charlie's wife for simper when you read this. I am very, she must be a very happy woman to very sorry your letter compels me to have such an indulgent husband. very sorry your letter compels me to utter these remarks. But perhaps "I am rambling. The thoughts we cannot but not seen.

bridle force their way without the will." Now dear Circleists, I beg your pardon, I have entertained you on this subject too long, perhaps. More than a

Dauphine, Missouri. REMARKS.—The seat is always ready for you. It will delight us to have you fill it oftener.-Editor.

Letter from Little Dick.

could be more enjoyable than a peep side. into that album.

Bon Bmi, you have investigated the subject of woman wisely, but not "too their convictions in debate, what they well." Now that you have something expect to accomplish by so doing. Do weary in well doing.

to pronounce your name, and thank Minnie F. for the favor.

Alma, Valley, Adah and Aurora, I make my prettiest bow. I am tickled this century have failed to settle? with your calls. Come in and help to fill up the corners.

of your travels that would be entertaining to the readers of the RURAL? The

many old maids, perhaps the osculating entertainment would not have been so has been pointed out by several writers. But to return to the main subject, as entertainment would not have been so has been pointed out by several writers. Something original. Wilne Edwards, have been verified by

ing anything about my age. I believe much of the criticism that has recent- One unacquainted with numan nature to 50 years, 10, 50 years, 69; 56 to 63 most of the Circleists thought that be- ly appeared in the Circle. I do not wish in all its forms and phases, would sup- years, 68; 63 to 70 years, 70; 70 to 77 ing anything about my age. I believe much of the criticism that has recent. One unacquainted with human nature to 35 years, 70; 35 to 38 years, 68; 42 to cause I had a little name, I was little to fix the blame on any one. So far as pose you to be a critic, if he is to judge years, 67; 77 to 84 years, 74. in years. Not so my friends, that is grown the name.

angels' visits, few and far between.

1dyll, I know there is little consolamy sympathy in your affliction.

Miss Ted, can you tell from experience but they have been away so long.

What is Christmas without the children.

flowers, and also our Birdie. Our Jay bird need not leave us. Why there is one under my window every day, trying to make me think he cares naught

Walnuts are seasonable and we do not like to be without them.

Quitman has quit us, and Widower has no doubt married him a wife. Rebecca and Ruth are not as faithful as their namesakes, of old. Time and space would fail he, were I to try to enumerate all the delinquent members.

Nina, is our queen among her subjects, or has she forsaken us to be queen of the beautiful realm called home? Bon Ami and Lloyd Guyot are "holding the fort." They have my thanks, and with all the members of the Circle, present and absent, a Christmas greet ng, and a wish that all may have a happy New Year. Day after day, near Christmas as it is, the sunlight floods the country with beauty. The storm king has not yet taken up his scepter. "But for the absence of green verdure, and bright flowers, one might almost forget the winter days had come." LITTLE DICK.

Letter from Kentucky Girl.

DEAR FRIENDS: I am glad that Col.

then they have not been molested.

I would say to Cousin Charlie, that I sayings of Prof. Bon Ami. In the first place, some of them are defective; and specially, but very few of them are irhim "from my heart. Will also admit Land. He was highly entertaining. (oh my!) j-u-r-o-r in an arson case, mak-disagreeableness attending a sour swill that my opinion of the lord of creation, has undergone a change for the better.

Thanks to Nina, Lilly of the Valley to do it. and other friends of whom I have heard KENTUCKY GIRL. Bloomfield, Ky., Dec. 13, 1881.

Letter from Bon Ami.

There was a time when the critics constitued themselves in criticising the you might, to some one who has not year has elapsed since t wrote to the style, the matter or the argument of the your strength of mind, do an injury RURAL. May I take my seat among you again with the dear editor's personal should be. The Home Circle is, as I will accept this in the same spirit in knowledge? Is he a somnambulist, or mission? I am happy to greet so many new and interesting contributors. The understand, a social and literary socie—which it is given. And do not think knowledge? Is he a somnambulist, or new and interesting contributors. old Circleists need recruiting—we miss ty. The Home Circle is the place where the rest of us are your enemies, because them sorely. Before closing I wish you all a merry Christmas, and happy New Year.

We all meet to have our social talks and we cannot agree with you.

Social talks and we cannot agree with you.

Nina, my husband tells in the form of speeches, orations, essays, and provided the in the form of speeches, orations, essays, never acknowledged the receipt of ing to withhold his "essay on woman' criticisms, etc. Debate and criticism your verses for my album. I certainly from public criticism, could not be so habit of going to sleep in a particular take up a good deal of the time of every thought I had do more take up a good deal of the time of every thought I had done so, for, I assure you, literary society, but personal criticisms they were appreciated. I will try to ought always to be excluded. As in ev- keep my promise. ery other literary society we have a Visitor, I was highly pleased with the right to speak in favor of either side of idea of a Home Circle album. Nothing a question, no difference what our con- name, I am sure we will get along nicebut seeing and knowing all the writers victions may be with reference to that

I should like to ask those who are so conscientious as to always to speak worthy of your intellect, go on. Do not you engage in debate for your own profit, or for the benefit of some one else? Lloyd Guyot, I am glad to know how Do you expect the world to change its course after you have expressed your convictions? Do you expect to decide questions which the greatest minds of

When persons understand all the facts connected with a subject they are Orphan Boy, I am sorry you are sick. very likely to reacha correct conclusion. Did your travels help you? Where did In debating, therefore, it is to the bene you go? Were there not some incidents fit of our readers that both sides of a question should be presented as fully as

personal criticism cannot be interest-Lloyd Guyot, I think that it was you ing to any except those who engage in days are passed, and the little ones that accused me of being older than I it, and even they, when they consider gather around your fireside, some of pretended. I do not remember of say- the matter calmly, must be ashamed of your fleety notions will have to depart. 14 to 21 years, 76; 21 to 28 years, 78; 28 in years. Not so my friends, that is a have taken part in it I am heartily from your letter. I quote—"Only criticise," I say so too, for been of age for several years. But they that I shall never again either justly or eall me Little Dick after I have out unjustly engage in it. Such criticisms more than a mere shool boy's effusion.

An Elkton, Md., paper mentions the case your criticism on Bon Ami, is nothing severely with rheumatic pains until he tried more than a mere shool boy's effusion. I have taken part in it I am heartily from your letter. I quote-"Only crit-

Cousin Charlie, your letters are like nor the wits of the writer. It is well picture taken, do not confine it to the why so many of our best writers are est kind of criticism. One who is not absent? I know this is the busy time, well enough informed to offer a sensible criticism on the style, matter, or argu-Christmas is almost here, with its ment of an article, can yet rail unceasmultiplied duties. Joys for some, sor- ingly at the writer-can yet indulge in your head is level. row for many. Many a household will an argument of abusive epithets. We miss the merry tread of little feet, that should all leave this work, I think, in make the great bulk of Xmas gayeties. the hands of those who can do nothing

Unless some one is first to stop this Daisy, Violet, Lilly, Myrtle, Wild disgraceful commonplace, when are we Flower, shall winter deprive us of our to have anything better? I am not in favor of stopping all criticism. I wish only to remove from a filthy bog to a higher plain. What one writes for the papers is public property, and the public have a right to criticise it. If one does not want his articles criticised, he should not write them. The writer gives his opinions not himself to the ublic, and no one has a right to pubicly criticise him.

ough mistake an educated youth makes Circle. as he goes out into the world, conquerthings, or rather of overlooking them. convenient. He is literary, oratorical, ambitious, determined to become a great man.

customs, habits, wants of the people other campaign. around him, it is plain he knows nothing and cares less. Yet he expects among the Circleists again. Thanks for tain these gases. At ordinary temperature a pail of water will absorb a pint to become a man of influence, power your compliment. and high repute. Never can he suceed. He may become a fine penman, throughout your satirical conglomera- time is divided between them, and in tages in the whole of his career. It was ence what I undertake, to please tion of ideas lately expressed. What this way I have lost some of your mer-this surprising familiarity with all the everybody. I do not feel surprised that Last fall while visiting the Louisville conditions of the homeliest, most ob- cern you. It is a provelivity of yours, Industrial Exposition, I saw a sewing scure of his neighbors, that gave such I suppose. While I do not try to please men as Henry, Calhoun, Webster, Clay all, I do not court the ill-will. If it is and others like them, such mastery over wanted this machine very much, for I and others like them, such mastery over the human heart and such sympathy any satisfaction for you to know it, Bon can not make a button hole to suit me. with the people as made them as one Ami has my friendship and I think I A mink began on our chickens. His with themselves -a great thing to a have his, notwithstanding the clashes politician depending on a constituency.

Letter from Minnie F.

DEAR FRIENDS: Last Sunday I listhings he said, especially in that part of rapidly famous! the sermon which touched on infidelity.

I hope, Bon Am, that you are better than in earnest, and that you are better than your writings indicated. But if you of turkeys which people neither kill nor add years wrong, for at. You can come in safely.

But if you of turkeys which people neither kill nor add that I have tried physicians and remedies without benefit. With best wishes, none of us are without influence, and

Nina, my husband tells me I have

Thank you, Mr. Guyot. Now that I

Orphan Boy, I am very glad you liked my letter. I like to please every one your last two efforts. as far as I can. Are you really an or-phan boy? If so, you have my sym-

Daisy Dell, I have a new machine at last. It is the Queen, the latest improvement on the Dauntless machine. like it very much.

again. Please don't stay away so long ter in the Home Circle, and his letters same conditions, night after night for boys" stop their quarreling?

I wish you all a merry Christmas and happy New Year. Stanberry, Mo.

Letter from Ed-di-ward.

DDITOR RURAL WORLD: For long vears have I been a reader of your most possible. Very often I have had my excellent journal, but never before have

Lloyd Guyot, when your sweetheart can neither be of benefit to the morals So keep quiet. When you have your cored him.-Indianapolis (Ind.) Journal.

to have the courage at the proper time editorial sanctum of the RURAL, but and in the proper manner to point out have a cut gotten up and put it in the part of lemon-juice used generally. as tion in empty words, but would offer the errors of others, but it is better to Rural. Permit the editor to use it its valuable qualities would seem to

> have made a fair beginning. I love children and their letters, do write again. Tyro, your article is full of good sound sense, and I will venture to assert that

silence, I neither condemn nor commend.

In the "Home Circle"-There are letters writen bad-Some are written well; me to make the heart feell glad, When they are signed by Daisy Dell.

And if you are willing, on another day I will make another call. ED-DI-WARD.

Pulaski, Tenn., Nov. 29, 1881. Letter from Lleyd Guyot.

And now my friends, I have had my say,

Am glad to meet you all;

While renewing my subscription to the RURAL to-day, I shall just call a few moments and make the Circle tired icine or the A Youth's Error.

DEAR RURAL: Perhaps the most thorof me once more. I never tire of the country, I tried Brown's Iron Bitters, which

Wild Flower paid us a pleasant visit. ing and to conquer, is in the disposiand trust she will return as often as

| Allow me to say that I like her letter, | him Iron Bitters with the happiest results. | S. KYLLE MONTAGUE. tion or habit he has of despising small and trust she will return as often as

Aurora, you have a nice letter. I am done with Bon Ami until he prepares If you question him about the lives, himself; recruits, so to speak, for an-

Orphan Boy, Guyot is glad to see you

Cousin Charlie, the veritable hero of "Weevilly Wheat," has strayed off from renowned painter, a dexterous sur- his nurse, and again made his appeargeon, maybe a poet. But a man among ance in the RURAL. He does not like Colman admitted me to your bright men never will he be unless he changes. Paulus, Bon Ami and myself, claiming Home Circle. When quite young my It was this perfect acquaintance, with egotism to be the cause of his babyship's father died, leaving me to his and my all the pettiest details of the humblest disapproval. Well, Charlie, I nevmother's family. Consequently my lives, that gave Napoleon such advan- er expect, it makes no differ-

thoughts, wants, emotions, all the life you should object to what does not conwe have in the RURAL. So, Cousin, go back to your milk and tin whistle, and dairy room, nor at the barn, nor have when you can write with less sarcasm DEAR FRIENDS: Last Sunday I lis-tened to a discourse which pleased me hear from you. By the way, Paulus, not unfrequently spoils the good food I wish I could tell you many of the ing fortunes out of it, and becoming

Daisy Dell, I feel like making friends But I feel incapable of doing him justice, therefore I shall not undertake to do it.

with you. Will you step hostilities and be friends? If you will, I'll never have anything to do with you again, see if I

Letter from Louise.

does he write for, but not read the work on sleep and sleeplessness, says, Home Circle? He seems to have relented, after all, and while determin-persons find in getting to sleep: no doubt, he considers the choicest bits; to procure regular and healthy sleep than any other artifice. The formation but which, to my mind, are coarse, not of the habit is, in fact, the creation and to say vulgur. Bon Ami, don't be so development of a special center or comfeel a little better acquainted with your envious of bridegrooms. I fear it is a bination in the nervous system, which position you will never occupy, even with one of those "old sweet sixteen- were more generally recognized, persons ers," so eloquently described by you, in who suffer from sleeplessness of the

> Birdie, I can sympathize with you, as I have been an invalid for more than a year.

herent? I admire Lloyd Guyot exceedingly. Opal Ross, I am glad to see you back In my opinion, he is by far the best wri-

are the first I always turn to, for I am a considerable period, say three or four Mr. Editor, cannot you make the sure to find something to entertain and instruct me. Now, Bon Ami, don't be alarm. I am

neither a "wire or hair puller," as you for constipation of my bowels caused by a so elegantly express it.

I suppose I should say something last three or four years, and always when about the waste-basket, new-comer, &c., used account, knowing all are welcome among benefit."

you, I come without apology. LOUISE. The Human Pulse.

Wild Flower, it would be a great hardship for me to be confined for any length of time. I never had any serious sickness in my life, and I think I appreciate fully the privilege of exercising my body and mind at my own free will. I have great commisseration for the sick. "Tis said "they also serve who stand and wait."

Aurora you should have been at the wedding where Bon Ami had to kiss or many old maids, perhaps the osculating entertainment would not have been so entertainment would not have been so last been to be confined for the side. The pulse of the question op the "Home Circle." So as I enter I bid the "Home Circle." So as I enter I bid the "Home Circle." So as I enter I bid the members good-day. As I am now all ages the greatest importance to the frequency of the beart's action as indicated by the pulse. The number of pulsations of the heart, as stated by Dr. Milne Edwards, average seventy per indicated by the pulse. The pulse of Napoleon, hereafting gums, protruding to the viriletes are nothing minute in a male and from six to ten more in a female. The pulse of Napoleon, hereafting gums, protruding to the nost ill, the was not satisfied with a question till he had extended the possible of the contributions and severage. That of Sir William Congreve and the interest is proportion, alarge particular the practice stamps itself indeliby on the physicians have always attached for all ages the greatest importance to the frequency of the beart's action as indicated by the pulse. The number of pulsations of the heart's action as indicated by the pulse. The number of pulsations of the heart's action as indicated by the pulse. The number of pulsations of the heart's action as indicated by the pulse. The number of pulsations of the heart's action as indicated by the pulse. The number of pulsations of the heart's action as indicated by the pulse. The number of pulsations of the heart's action as indicated by the pulse. The pulse of Napoleon of the practice stamps itself indeliby on the practice stamps itself indel

The following table of the pulse is interesting in this connection: Males from 2 to 7 years, 97; 8 to 14 years, 84;

Good Health.

I do not think there is a hundredth have the still greater courage to confess for a heading to the "Home Circle" decommend. I know of nothing better our own. Personal criticism is the low-partment, and thus benefit mankind at est kind of criticism. One who is not lena Rivers, though a little girl, you strengthener of the nervous system. We all know that it is used for rheumatism, and I have no doubt it is also very good for gout, if taken regularly three times a day and at least half a gill at a Lackland, I pass over your article in time. It can be taken in much or little water, or no water at all. It is not unpleasant, one soon becoming accustomed to it, and would rather drink it than the pure water. For headache it is the best cure I ever used. It will relieve it in from ten to fifteen minutes by a single dose. I would not advise less than half a gill at a time. I know of people who take it three times a day as a preventive of disease and as a re-freshener in hot weather. It also quenches thirst better than anything else. No sugar.

Kidney Disease Cured.

CHRISTIANSBURG, VA., 1881. Suffering from kidney diseases, from which I could get no relief either from medcured me completely. A child of mine recovering from scarlet fever, had no appetite, and did not seem to be able to eat at all; I gave

To purify a room, set a pitcher of water in the apartment, and in a few hours it will have absorbed all the respired gases in the room, the air of which will have become purer, but the water utterly filthy. The colder the water the greater the capacity to conof carbonic acid gas and several pints of ammonia. The capacity is nearly doubled by reducing the water to the temperature of ice. Hence, water kept in a room awhile is unfit for use. For the same reason, water from a pump should always be pumped out in the morning before any of it is used. Im-Impure water is more injurious than impure air.

Thousands of ladies have found sudden relief from all their woes by the use of Lydia E. Pinkham's Vegetable Compound, the great remedy for diseases peculiar to females. Send to Mrs. Lydia E. Pinkham, 233 Western Avenue, Lynn, Mass., for pamphlets.

A swill barrel on the farm, where every waste substance is thrown to sour and rot, is a piece of furniture we have little respect for. There is no place for it in the house, nor in the we found quite enough room for one out of doors. It draws flies, breeds barrel, is such that it is better to abolish it entirely, or else keep enough swine to consume all the waste of the kitchen, dairy and farm in a fresh condition.

"Prejudice Overcome."

to do it.

I hope, Bon Ami, that you were not in earnest, and that you are better than see us. And then you are of that class

The Day Kidney Pad cures kidney dis-What is the matter with Bon Ami? eases, "bed-wetting," and all diseases of the urinary system. \$2, by druggists or by

Dr. J. M. Granville, in an interesting greatly helps the performance of this initial act, and the cultivation of a will henceforward produce sleep as a natural rhythmical process. If this sort which consists in simply being unable to go to sleep, would set them selves resolutely to form such a habit. It is necessary that the training should e explicit, and include attention to G. H. T. are you not a little inco- details. It is not very important what a person does with the intention of going to sleep, but he should do precise ly the same thing, in the same the same time, and under as nearly the

"I have used Simmon's Liver Regulator decided used according to HIRAM WARNER, Late Chief Justice of Ga

Mouth Breathers.

that grow up in grass and weeds, be-come the seat of polypus and other dis-eases; the sense of smell is greatly weakened or altogether lost.

A Square Meal.

We are sure our readers will thank us for calling their attention to the very handsom advertisement of the Excelsior Manufacturing Co., of St. Louis, as it would be useless for us to try to say anything in favor of their great Charter Oak Cooking Range. The very word suggests the thought of a well cooked meal, followed by easy digestion, vigorous health, and a desire to have and to do plenty of real work, to say nothing of the comfort of a happy, contented household.

The Illuminator.

The existence of good feeling on the part of the French Nation for the people of this country is shown by the presentation of a colossal bronze figure of Freedom holding aloft the torch of Liberty. Beauty, with usefulness, is combined in this immense work of art, as the bright, blazing torch will serve the purpose of a beacon light in the harbor of New York. There is another York.

light in the harbor of New York. There is another figure which will chailenge larger praise and admiration than even the great work above referred to. It is illustrated herestropy in the harbor of New York. There is an admiration than even the great work above referred to. It is illustrated herestropy in the harbor of the great work above referred to. It is illustrated herestropy in the sea of life will guide aright all sailing upon the sea of life will guide aright all sailing upon the sea of life whose waters abound with the shoals and damegerous places of sickness and disease. The light it casts is designed to show that Sr. Jacons O'L is the true and frusted means of keeping the body on its proper course, and of easing and "righting changled it has unfortunately cast upon the shoals" it casts is designed to means of keeping the body the true and frusted means of keeping and "righting it should it be unfortunately cast upon the shoals of rheumatism or other painful allments. Thousands of grateful ones throughout the world have proved the value and felt the good of this Great German Remedy, and are glad to recommend it to all needing the services of just such a meedy. In this councetion Mr. John S. Briggs, a well however the connection of Omaha, Neb., told a newspaper brown citizen of Omaha, Neb., told a newspaper In this connection Mr. John S. Briggs, a well known citizen of Omaha, Neb., told a newspaper man that he was terribly afflicted with an acute attack of rheumatism in his back. The disease, which had been preying upon him for years had drawn him out of shape. He resorted to every remedy known to physicians, but found no relied until hetried Sr. JACOBS OTA, one bottle of which effected a complete and radical cure. Another case may justify reference:

A VETERAN SEAMAN'S TROUBLE.

Bilior Inter-Occan, Chicago, Ill.: I send you this, feeling that the information conveyed will be of material benefit to many of your readers. One of our oldest citizens, Captain C. W. Boynton, the Government Light-house keeper at this point, is probably one of the oldest seamen in America, having sailed twenty-six years on salt water. After this forty-six years' service his cyesight failed him and he kept the Light at Chicago until the Government built the Gross Point Light here, when he was transferred. While seated in my store this morning the Captain volunteered the following written statement: "This is to certify that I have been afflicted with rheumatism for twenty (20) years, both in my side and limbs. I am happy to say that, after using less than two bottles of the St. Jacobs Ott., I am entirely free from pain, though still limping somewhat when waiting, from long force of habit. C. W. Boynvox." A VETERAN SEAMAN'S TROUBLE pain, though still limping somewhat when walk-ing, from long force of habit. C. W. Boymon, Referring to the foregoing facts, I might allude to numerous similar cases that have come to my uotice, but "a word to the wise is sufficient." JOHN GOEBEL, Pharmacist, Evauston, Ill

35-52

THE BEST OF ALL

FOR MAN AND BEAST. For more than a third of a century the Mexican Mustang Liniment has been known to millions all over the world as the only safe reliance for the relief of accidents and pain. It is a medicine above price and praise—the best of its kind. For every form of external pain the

tang Liniment is without an equal-penetrates flesh and muscle to very bone—making the continu-of pain and inflammation impos-. Its effects upon Human Flesh and

hich speedily cures such ailments the HUMAN FLESH as Swellings, Stiff Rheumatism, Swellingints, Contracted Muscle nd Scalds, Cuts, Bruises an

and Scalds, Unts, Bruises and Sprains, Poisenous Bites and Stings, Stiffness, Lameness, Old Sores, Ulcers, Frostbites, Chilblains, Sore Nipples, Caked Breast, and indeed every form of external disease. It heals without scars. For the BRUTE CREATION it cures Sprains, Swiany, Stiff Joints, Founder, Harness Sores, Hoof Diseases, Foot Rot, Serew Worm, Scals, Hollow Horn, Scratches, Windgalls, Spavin, Thrush, Ringbone, Did Sores, Poll Evil, Film upon the Sight and every other allment of which the occupants of the Stable and Stock Vard are liable. The Mexican Mustang Liniment and it is, positively,

d it is, positively, THE BEST OF ALL

FOR MAN OR BEAST.



Amber. Early Orange, Nonesneh, at \$3 per cwt, or \$1 per four pounds by mail.

THO S. McQUISTON,
M. roing Sun,
Preble County, Oh'o.

Apple Seedlings. I offer 300,000 extra fine No. 1 Apple Seed-ings. Also No. 2 and 3.

lings. Also No. 2 and 3.
I will Psy Cash, or exchange Seedlings for 5,000 Apple Clons.

PETER McGRANE. PETER MCGRANE, 51-3

\$70 a week. \$12 a day at home of a Costly outfit fire. Address, Augusta, Ms.

let star minute cover t

stand train t to teac them a hinder fears [Tun. loses h habit i in the

want to behave tient at her. S with you winter, possible not to to be r until e

By allo habit w well-fen stand for tie then or boy i is it right

Warri world, I ty-four cure cro tism, old and che will imn and Blor and ratural by the d

Pairy.

patron of the factory. There are at pres- are good sitters and mothers; they are FOR THE LUNGS. I laughed at my friends is all sold in New York city, and both of any fowls that I have ever raised.

it and the cheese bring the highest price. Our Plymouth Rock pullets have laid.

"I write this hoping you will publish it, so it and the cheese bring the highest price. Our Plymouth Rock pullets have laid
The dividends for the first month were all winter; the Brahmas and other will be induced to take DR. WM. HALL'S Farmers are charged one and one-half are good foragers, and will hunt worms, vinced that CONSUMPTION CAN By cents a pound for cheese and three cts. bugs and other egg-producing food that positively say that it had done more good has to be supplied to the Asiatics than all the other medicines I have taken two bottles and can pound for butter, which includes all cost of making and selling. The factory is one of the best equipped in the state, and is capable of handling double materially reduce the cost of their feed, and will to go to work." Sold by druggists. state, and is capable of handling double materially reduce the cost of their keep. its present receipts. Its patronage is They are excellent table fowls. Adult being enormous in quantity. The Elgin factories are not conducted on the co

to the creamery had realized from \$50 ways breeding from the best layers.

Howe Scales are guaranteed in ever to \$100 more than they would have done

Last year I bought a trio of Plymouth ticular, to be the best made.

Borden

southern Illinois will put more land in-to clover, rye and grass, and grow less the best layers each year, until they are wheat, arrange their barns for from improved to my satisfaction. Breeders

T. Inman, Station D, New York City. 44-26 twenty to fifty dairy cows, from one hundred to five hundred long-wooled sheep, and about one hundred hogs, form a co-operative creamery, sell the total to the dairy cows, from one hundred hogs, form a co-operative creamery, sell the long form a co-operative creamery, sell the long form a co-operative creamery, sell the long form a co-operative creamery will be the long form a co-operative creamery will be the long form a co-operative creamery sell the long form a co-operative creamery will be the long form a co-operative sheep, and about one hundred hogs, ing form a co-operative creamery, sell the cream, feed the skimmed milk to the er. nogs, save all the manure to top-dress the grass lands, put every acre into grass that is not in cultivation, making their farms into stock, dairy, and grass farms, instead of dabbling in a little of everything, there will be developed a much greater prosperity.

A Prize Cheese-Maker's Methods.

C. E. Freanan, manufacturer of premium cheese at the Alden cheese factory, McHenry county, Illinois, gives his method of manufacturing cheese as follows: Milk received once a day, in the morning; heat for setting, which is very gradual and usually takes three.

Canvassers make from \$25 to \$50 per week selling goods for E. G. Rideout & Co., 10 Barclay \$51.. New York. Send for catalogue and terms \$34-52 which is very gradual and usually takes threefourths of an hour, is raised to eighty-two degrees. The coloring is then thoroughly stirred in the milk, then allowed to stand about five minutes, stirring all the time; then the rennet is added in sufficient quantity to commence coagulation in fifteen minutes, ent lengthwise in one hour with perpendicu lar knife, let stand five minutes, cut cross wise, using the same knife, let stand till the curd has all settled below the whey, cut horizontal knife, work hand, and cut until the curd is about the size of beech nuts. Heat to ninety degrees very slow, using one hour; turn off the steam let stand twenty minutes, and then raise the heat to ninety-six degrees and stir enough to keep from packing on the bottom of the vat. After standing fifteen or twenty minutes draw the whey; leave just enough to cover the curd; let stand till it will thread three inches with the hot iron; dip in curd, sink, stir, and air well for half an hour; two and one-half to the thousand, Ashton's fac tory-filled salt; put to press, turn in the pres same day; press twenty-four hours; think forty-eight would improve the surface.

Training Heifers.

It is an easy matter to train a heifer to stand quietly to be milked, but is easier to train them to jump, kick and run. The way to teach them to stand still is to require them always to do so. If there is naught to hinder a wild heifer from running, and her fears prompt her to run, she can and will MOTHERS, READ; run. If she can not run, in a short time she loses her fear and stands from habit; and habit is one of the most powerful influences AS AN EXPECTORANT IT HAS NO EQUAL! in the world for either brute or man. If you want to transform a wild heifer into a wellbehaved, well-trained cow, you must be patient and exhibit no temper. Never strike ber. She must first of all get acquainted with you and learn that you will not hurt her. She must learn not to fear you. If, in winter, it is best to milk in the stable, make as little fuss and as few alarming motions as possible; handle her very gently. Be careful act to pinch the teats. This is the great source of trouble. A cow naturally wishes to be rid of her milk. She stands quietly until some careless milker has given a squeeze that hurts, when she kicks and runs By allowing such a course a few times, the habit will be confirmed. The best way to manage, if you have no stable, is to have a well-fenced yard, and teach your heifers to stand for milking in that; or next best, to tie them, using them very quietly. No man or boy is fit to handle animals unless he can control them, and control himself. Neither is it right to chastise the ignorant.—Ex.

Warranted the greatest pain reliever in the world, Dr. Tobias' Venetian Liniment. Thirty-four years established, and never failed to cure croup, spasms, colic, chronic rheuma-tism, old sores, and pain in the limbs, back and chest. Ladies will find this Liniment will immediately eradicate Pimples, Freckles

ed to that order Ohio sorn, osae, veg-New)RY,

8 per

10.

gs for

Che Poultry Pard

\$1.22 per hundred pounds of milk. pullets have not produced an egg. They BALSAM FOR THE LUNGS, and be con-

rapidly increasing. Another co-opera- cocks will weigh ten to eleven pounds, tive factory is about being built in Lodi. hens eight to nine pounds each. We un-Louis, Mo., positively cure piles without At Elgin are the largest and oldest hesitatingly recommend them as the knife or pain. Not a dollar unless cured. factories in Illinois, the butter and cheese sold at the Elgin board of trade being engrous in quantity. The Elgin more good qualities than any other ve-

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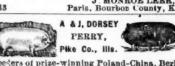
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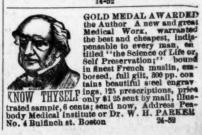
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INDEX TO VOLUME XXXIV

SORGO DEPARTMENT.

SORGO DEPARTMENT.	LL
Adulterated sugar	L
Amber cane for forage	ī
Amber c ne in 1881	M
Bagasse furnace, O W Hawk	M
Beicher, Charles, report to Merchants' Ex. 41	MO
Boarth's sugar making	0
Cane culture in Iowa, by B E Brown	0
Cane culture in northern Ohio	P
Cane, weight of per scre	P
Cane seed failure	P
Capt H Blakely interviewed	PP
Charifying cape ju'ce	PP
Copper evaporators	P
Defecating case juice in Minnesota	P
Early amber in Wisconsin 169	R
Barly orange in Minnesota	R
Pertilizers for cane	300
Glucose and grape sugar 161 209 318 Gumaone, by G W Hawk	7.00
Harrowing cane 80 Indian sugar in Nevada. 49	2000
Letter from H B Richards of Texas	200
Letter from J B Thoms	200
Letter from L A Roussel	8
Letter from L M Sawyer	T
Letter from Mr Dinsmore	T
Letter from J Billington	T
Letter from B K Purkey	TT
Letter from P M Wyman of Minnesota 241	T
Letter from North Carolina, by N A Laytin 241	12
Letter from Prof F L Stewart	X
Letter from L M Pair of Wisconsin35	N
Lime before or after boiling. 209 Market for syrup	N
Minnesota amber same association78 81 89 Northern cane, by I a Hedges	M
Crange cane in Iowa	
Report on sorghum by Prof Weber	
Sale of syrup, by A J Russell 105	
Scoville, Prof report on cane	A
Sorgo sugar, by Dr Peter Collier	A
Sorgo syrno by CP Hanger	A
Sorgo in New York	A
Sorgo in Louisiana 41 Sorge in Canada 89	A
Sorgo in Saline county, Mo	A
Sorgo in Pennsylvania	A
Sorgo for age	A
Sorghum for stock 297	A
Sorghum syrup in New York	E
Sorghum in Texas, by W N Wallace	F
Sugar, about 225- Sugar at Illinois University in 1881	F
Sugar cane industry	E
Sugar from Indiana	E
Sugar in Mississippi county, Mo	F
Sugar making. 281	0
Sugar mill controversy	0
Sugar works at Champaign, Ill	0
Syrup in Arkansas, by Penrose Chanman, 289	0
Adulterated anger	0
Tour of I A Hedges 225 233 Two-roll mill, by D R May 129	0
Waste in grinding cane	15
	0

	1
Agriculture Convention at Washington	-
Agriculture Convention at Washington	4
Agricultural papers benefits of	5
Agriculture by Theer	3
Alfalfa at Purdue University	6
Alfalfa 'n Missouri	1
Alfalfa the 4th crop	0
Arkansas State Fair	0
Bacor how to save	0
Bermada grass31	3
Beef how to pickle	11
Bones reducing	5
Boys how to keep on the farm	52
Buggy, how to care for it	00
Carp for sish ponds	60
Carp for Missouri	12 16
Cockle huggs	18
Compost heap	56
Clover seed, how to to save	06
Clover second crop	49
Clover sapling	88
Clover as a ferdilizer	25
Congress, the Agricultural8	21
Corn fodder vs hay	31
Corn fodder curing	08
Corn fodder sowing	17
Corn arib. rat proof.	13 65
Corn green for hogs	97 08
Corn planting early and late	37 37
Cotton seed meal, how to feed	39
Cotton ties, duties on	72
Deer hunting.	176
Drouth, the greatest	81
Drain tile, how to lay	73
Fair, 8t. Louis notices	21
Farm and gardening questions	163
Parm proverbs	48
Farming in South Illinois	12 121
Farmer's alliances	5J 36¶
Farmer the successful.	146 196
Perrots for rats	124
Farmer's congress. Farmer the successful. Fleas and lice, how to remove. Ferrets for rats. Fences Letter from Florids. Frog farming. Forgatis apparaments.	168
Prog farming	360
Fregs traffic in Frog farming Forests spontaneous Grass more and less grain Grass red top Grass red top Grass importance of Grass orop value of Grasses to pasture Hams how to care. Hay making Navirade rules t, govera.	B15
Grass red top	36
Grass lands fall seeding of	201
Grasses for pasture	1
Hams how to care	19
Hertrade raise to govern	a 11

1	THE RESERVE OF THE PARTY OF THE
die	Implements care of Implement Dealers Association Insects in spring of 1881 Insects how to fight Jute culture Jute in the south L boring man elevate. Leafs on the farm Leach farming Liquid manure London purple for potate hugs Loring commissioner life of Manure stable how to apply Meat how to cure Miller to farming Miller to farming Miller to farming Oil cake and bran for stock Onlone potato Oplone wheat Orchard grass for pasture
1.	Implements care of
	Insects in spring of 1881
	Insects how to fight
	Jute in the south
	L boring man elevate
	Leads on the farm.
145	Liu e on soll
57	Liquid manure
165	Loring commissioner life of
153	Manure stable how to apply
5	Maple rigar now to make
65	Mil'er Co farmir g
41	Mineralogy
88 49 129	Onions pola'o.
49	Oniona pota'o. Op iona wheat Orchard grass for pasture Orchard grass how to sow Osage orange hedges Pastures improving Pastures preserving Pasture winter Peas for the field.
170	Orchard grass for pasture
70	Osage orange hedges
25	Pastures Improving
13	Pasture winter
25	Peas for the field
17	Pearl millet
33	Plan ing early in the south
33	Pear millet Pen perrait of Col Colman. Plan ing early in the south Political education. Potatoes Mo Seedling M McKensie.
37	Potatoes cutting seed
17	Potato notes for 1880
61	Pote o experimen a in Ag'r'l Colleges
21	Potato alsing ander straw
WD ST	Posatoes Mo Seedling M McKensie. Potatoes cutting seed. Potato obes for 1880 Potato experier os with. Potato experier os min Ag'r'l Colleges. Potato alsing ander straw. Ramie fibre. Rats how to deal with. Rye sy n torage plant.
187	Rve as a torage plant
31	Rye as a lorage plant
69	Salt as a fertilizer
45	Saneage how to make
90	Scottieh ekylark in S. E Missouri
89	Snake bites how to care
60	Signs, do they all fail
49	Straw and clover hay
78	Stone wall
45	kye as a torage plant. Rye for pasture Salt as a tertilizer Salt on wheat Sansage how to make Scottieh skylark in S. E Missouri Scrap or ok for the farmer. Snake bites how to cure. Signs, do they all fail Straw and clover hay Stumps, how to get rid of. Stook pea in Mo. Sunflowers. Sweet corn. Sweet corn. Tobacco Burley. Tobacco burley in Missouri Tobacco burle, in Missouri Tobacco beds. Tobacco beds.
73	Sweet corn
97	sweet corn, how to dry
13	Tobacco Burley In Missanri
29	Tobacco plant be s
93	Tobacco beds. Tobacco seed spronting Tobacco nesting. Tobacco white in Missouri. Tob-cco worming and suckering Timber question.
09	Tobacco nesting
119 35 23 41	Tobacco white in Missouri
23	Tob-coe wor ming and suckering
41	Weights and nieasures
41	Wreat in southern Ill
49	Weights and measures Wreat in southern lil Wheat carbon in. Wheat, varieties of. Wheat in a bin, how to measure. Winter evenings Winter, get ready for. Weeds how they multiply Wood pump monopoly Work shop for farmers.
15	Wheat in a bin, how to measure
45	Winter cet ready for
97	Weeds how they multiply
29	Wood pump monopoly
05	e
77 45	
81	

HORTICULTURAL DEPARTMENT.

į	HORTICULTURAL DEPARTMENT,	
	Address by J C Evans	
-	American Pomelogical Society 307	
1	Apple seed, now to sprout 17 Apple orchard culture of 179 Apple tree borer 227 Apple culture for market 379 Apples for Misseuri 19 Apples for Misseuri 27 Apples good keepers 83 Apples late keepers 91 Apples in moist cellers 367 Apples keeping 323	
	Apples for Misseuri 19 Apples by Jacob Madinger 27	
	Apples late keepers 91	
	Apple keeping 323 Apple harvesting 333 Apple harvesting 333 Apples extra hardy 363 Arkansas fruit beit 379 Ashes for fruit trees 385 Rallus fruit trees 189	
	Apples extra hardy	-
	Baling fruit trees 163 Baling peach trees 115	-
	Berry prepare for	-
	Black wainut for posts 51 Black wainuts 91 Blight on fruit trees 919	-
	Borers, remedy for	-
	Ashes for fruit trees 385 Ballug fruit trees 163 Balug peach trees 115 Bark bursted fruit trees 395 Berry prepare for 195 Black berries for Mo 395 Black wainut for posts 51 Black Walnuts 91 Blight on fruit trees 219 Borer, peach 291 Borers, remedy for 179 Botany 259 Budding peach and pear trees 227 Cabbage pests 239 Canker worm 395	-
		-
	Canning tomatoes 225	-
3	Catapa trees growing from seed 123 Caterpillar tent 155 California, a trip to 277	
	Charmen and saved	-
	Cherry, the culture of	-
	Cider, how to keep sweet	The Person lies
	Cherry growing 359 Cherry seed, how to sprout 19 Cherry, the culture of 355 Cider for bottling 299 Cider, how to keep sweet 315 Cider, how to make 395 Cider, how to make 231 Cottonwood from cuttings 21 Cow or milk tree 226 Cow or milk tree 226 Cow or milk tree 227 Cow or milk tree 228 Cow or milk	-
	Dayton, O notes	-
	Early vegetables 67 Early vegetables by C W Murtfeldt 83	
	Cottonwood from cuttings	-
3	Floral culture	-
)	Flowers, fall work among 347 Flowers in winter 463 Flowers hints 35	
1	Floral culture	
5	Forest planting Forest tree seeds	
9	Fruit at state society	
	Fruit tree protector 139 Fruit trees in the south 163	
0	Fruit from southern III 195 Fruit thinning 227 259	
0	Fruit ree, feed the 343 Fruit raising in the south 283 Fruit raising in Texas 363	
	Fruit culture, success and failure in 299 Fruit growing—does it pay 339 Fruit what to plant 347	
1	Fruit list revised 363 Fruit farm in Arkansas 371	1
1	Fruit farm in Arkansas 333 Fruit as food 379 Fruits, a talk about 211	-
l L	Garden, a wild	-
4	Gratting 135 Grafting trees and shrubs 15	
	Grape culture in Arkansas 27 Grape treatment by F Muench 28 Grape, the Noah 31	5
	Grapes vines, protecting in winter	1
1	Grapes late or early	7
	5 Grapes, when to prune	5 3
	Green's Golden grape	3
3	Hedge plant in Nebraska 99 Henrietta or Levy peach 11:	3
9	7 Home adornment 18. 6 Horticulture, CW Murtfeldt	74 76
1	House plants; some desirable	7
9	3 J-pan quince	5
7	6 Keeping apples	1
ĺ	Flowers hints	9997
	Lettuce early	40000
	B Locust, seventeen year	2017
	Melon culture 22	
	Mississippi Valley Hort. society 248 25 Mulching apple orchards	1
i	Mulching frait trees 15 15 Norton's Virginia grape 15 15 Narserymen's convention 203 21	11
á	O Nuts how to seem	ø

	MATERIAL PRODUCTION OF THE PROPERTY OF THE PRO
12	Orchards by 8 Ragan. Orchards by 8 Ragan. Orchards and sheep. Orchards, prepare for planting.
105	Orchards by 8 Ragan
. 234	Orchards and sneep
234 264 78	Orchards prepare for planting
900	Orchards, prepare for planting Orchards, preparing ground for Orchards, watch young. Ornamental planting by W O Barry. Ornamental planting. Ornamental trees by G Hussman. Osage orange for timber
. 392	Ornamental planting by W C Barry
244	Ornamental planting
860	Ornamental trees by G Hussman
364	Osage orange for timber
156	Peach pruning shears
. 163	Peach pruning shears
. 4	Peach trees from healthy seed
. 76	Peach culture
. 400	Peach culture Peach borer, destruction of Peach pits, when to plant Peaches
187	Peach pits, when to plant
861	Peaches by W F Murry
892	Peaches from seed
950	Peaches in Michigan
215	Peaches about Madison, Ind
41	Peaches about Madison, Ind. Peaches and peach trees, how to raise Peaches, early, medium and late Pears, iron-clad.
9	Peaches, early, medium and late
. 169	Pears for western planting
885	Pears too good Pears, packing for market Pear blight
	Pears, packing for market
802	Pear blight
53	Pear culture, experience in
. 281	Persimmons, grafting
4	Persimmons, top grating
21	Persimmon orchards
15	Pear blight. Pear culture, experience in Persimmons, grafting Persimmons, top grafting Persimmons, seedle as. Persimmon orchards Pickles and pickle making Pine tree planting. Philadelphia raspberry Plum culture
40	Pine tree planting
65	Philadelphia raspberry
	Plum oron good
24	Potatoes, how to store
284	Potatoes, how dried
384	Pot plants, amateur culture of
. 329	Pot layering strawberries
	Proping neach trees
. 316	Pruning, the effect of
217	Pruning, principles of
. 226	Philadelphia raspberry Plum culture Plum crop good Potatoes, how to store Potatoes, how dried Pot plants, amateur culture of Pot layering strawberries Propagating trees and plants Pruning peach trees Pruning, the effect of Pruning, principles of Pyruthum fistal to insects Quinces from cuttings Rabbits in young orchards Rabbits, how to destroy Raisin grapes
. 384	Quinces from cuttings
76	Rabbits in young orchards
. 15e	Raisin grapes
857	Raspberries
887	Raspberries Raspberries, the new
200	Rhuharh
228	Roses, fertilizers for
12	
1 120	Roses from slips
49	Rules for exhibiting fruit
50	Russian apples
131	Roses, layering Rules for exhibiting fruit Russian apples Russian mulberry 131
	Thussic work
. 9:8	Scuppernong grape
278	Snyder raspherry
1'3	Snyder raspberry. Sonoma mine
1'3	Spanish king plum
249	Staking plants
369	Strawberries in pots
. 372	Strawberries, wast to plant
812	Strawberries, best in Ill
214	Strawberries in poles Strawberries, what to plast Strawberries, three of the best Strawberries for market Strawberry culture, progress of Strawberries, washing Strawberries, marketing
920	Strawberry culture, progress of
	Strawberries, washing
	Strawberries, some of the new
	Strawberries, a succession of
T.	Strawberry culture in Mississippi
	Strawberries in Minn
	Strawberries under straw
80	Strawberry culture
19	Strawberries and the drouth
251	Strawberries in Michigan
307	Strawberries for the farmer
170	Strawberry culture
997	Strawberry growing
. 379	Strawberry transplanter
19	Subsoiling strawberries
27	Summer prunipe
83	Summer pruning the grape
307	Sulphur for purifying casks
323	Sunflowers for bean poles
355	Sweet corn
363	Sweet potatoes beening
305	Sweet potatoes, raising and keeping
163	Timber for posts
. 115	Timber planting a necessity
395	Timber planting
195	Toads
197	Trees after transplanting
91	Trees, uses of
219	Tree pedlars
291	Tree planting, reasons for
179	Torner rasularry
259	Varieties, number of
200	Vegetable gar den
395	Vineyards in Mo
. 235	Vineyards by E A Richi
233	Walnut lumber
99 285	Wash for fruit trees
123	Washing fruit trees
155	Watermelons in S E Mo
363	Wild Goose plum
339	
	Wine open the coming

CATTLE YARD.

7					13
8	Angus cattle	•			309
	A second all a secol Allers				35
1	Aprimats and time Ayrshire cattle. Beef, how to pro Black Leg Black Leg in cat Black Leg in cat Blindness in catt		*******	*******	18
1	Black Leg	duce	*******		977 897
3	Black Leg in cal	ves			284 334 269
7	Black Leg in cat	tle			33
3	Blindness in catt	le—J.	Harkne	88	269
3 5 7	Breeder's advert	isemer	ı	*******	192
7	Breeder's advert Breeding disease Breeding in and Breeding in and Breeding stock (Bulls break and	in		*******	77 82
3	Breeding in and	in Sho	rt-horn	8	40
5	Breeding stock	xhlbit	ion		180 258
7	Bulls break and	work t	ne		873 213
3]	Bureau of anima	linAna	dame.	********	4
3	Calves as twins.				260
3 9	Calves diarrhœa	in			2
3	Calves with thre	ad wor	ms		14
7	Calves as twins. Calves diarrhea Calves with thre Calves safest tim Cattle for milk a Cattle hornless Cattle how to fe Cattle at St Louic Cattle better wee	ie to c	astrate.	*******	34
5 9	Cattle for milk s	nd be	ef		
3	Cattle hornless				139 200 349
3	Cattle how to fe	ed		••••••	94
3 9	Cattle better wee	tern		********	34
9	Cattle families o	4			RA
7	Cattle points			*******	31
7 3 1	Cattle points Cattle sales law	of		********	28
	Cattle showing. Cattle raising in Cattle raising or attle western Cattle rule for liv	Q A		*******	210
9	Cattle raising in	the n	lains	********	260 21
1	attle western				. 260 21
3 3 3	Cattle rule for liv	re weig	ght of	********	. 260 84
3	Cattle yard			*******	40
5	Cob meal for at	ock		***************************************	7 109 12
9	Care of stock			********	24
9	Cattle vale for lit Cattle yard Calving pretract Cob meal for st Care of stock Care of young s Corn fodder for Ootton seed mea Cow, largest in • ow boys of Te: Cow pea hay for	tock			26
33	Corn fodder for	stock	********		9 000 99
5	Cotton seed mea Cow, largest in • ew boys of Te: Cow pea hay for Cows spaying or Devon cattle Diarrhee in sto Diseases of stoc	the w	to use.		30
19	ow boys of Te	Kas			16
19	Cow pea hay for	stock			30
15	Cows spaying or	the fo	ot		8
17	Devon cattle				29 38
33 95	Diseases of stoc	k			38
8	Dutch Friezian	cattle			40
33 3 27 95	Diseases of stoc Dutch Friezian Elephant a dea Feeding cattle First year's grov Fodder sweet c. Foot and mout Good stock mea Grade and cros Grasses for hay Guernsey cattle Holstein bulls Homes for anim	d			5
27	Feeding cattle.	reth.	*******		33 28
90	Fodder sweet c	orn	******		29
15	Foot and mouth	disea	80		8
31	Good stock mea	ns wha	t?	*******	26
81 87 87 87 77 55	Grade and cros	and no	ofuno	*******	2
87	Grasses for hay	and pr	meuro	********	1
77	Holstein bulls .			· · · · · · · · · · · · · · · · · · ·	39
58	Holstein bulls . Homes for anim Horned and po Influenza	als			27
55	Horned and po	iled c	attle		
53 63	Influenza Iowa stock bre Jerseys—Thos Jersey, a wond Lice on stock	edera		********	36
91	Jerseys-Thos	Turr	er's		4
91	Jersey, a wond	erful		*****	11
39	Lice on stock		*******	21 85 1	49 349 3
79					
10	Milk fever				9
07 19 79 19	Oil cake				
19	Opthalmia enzo	otic			4
63	Parasites in st	OCK		*******	
31	Pasture blue gi	ock			9
81	Pleure pneumo	nia			3
O i	Polled Augus b	reeder	8	******	2
91	Polled cattle	******		********	3 3 2 9
118	Principles of he	eeding		*******	
90	Ranches and r	anges.		********	2
iii	Red water in ca	ttle			3
51	Salt for stock		Mission		20 2
91	Meats in Europ Milk fever Oil cake Opthalmis enzo Parasites in st Pasturage for st Pleuro pneumo Polled Augus b Polled cattle Polled cattle Polled Sussex Principles of br Ranches and r Red water in ce Salt for stock Short-horns for Short-horns for Short-horns for Short-horns w Short-horns w Short-horns w Short-horns w	beef	AIBSOUT.		1
161	Short-horas ar	e they	hardy.		1
11	Short horns fir	st sale	of	********	2
15	Short-horns w	hite	*******	********	9
76	Short Borns Co	oor in			

1	UKAL	W	U.	K.			EV.	
10	Soil in stock South Missouri for Stable your stock. Stock care of. Stock, first impert Stock in Wyoning Stock raising, prof Stock poor Stock corn-fed. Starving stock Storm on the plain Sussex cattle. Tallow for cattle Texas cattle. The Yak Vaccinating Water for stock Winter pasture for	ato	elk	,		• • • • •		. 317
11	Stable your stock. Stock care of			****	****			. 365
1	Stock in Wyoming	g	of.		••••			101
77	Stock raising, prof. Stock poor	its in				••••		149
13	Stock fattening Stock corn-fed	****	****					. 404
87 99	Starving stock Storm on the plain	.						. 61
91	Swiss cattle Tallow for cattle	food			• • • •		. 20	277
19	Texas cattle	****					31	7 405
97	Water for stock	· · · · ·	ok		• • • • •			373
9	winter pasture to	1 000	U.M		****			
71	SHEE	PH	USE	BAN	DR	Y.		
99		133						-5
89	About sheep Age of sheep Ailing sheep Angora sheep				***	00	KE 91	277
8 48	Alling sheep							7 873 277
27	Bermuda grass for Black cotswold's	lami	ер			••••		∑101
91	Branding sheep	she	ер			••••		149
79 83	About sheep	ton.						285
79	Beat large size bre Castrating lambs.	ed of	het	р				197
50	Cheviot sheep	egp.		•••••			****	237
19	Cross breeding she Crossing breeds	eep.						921
55 69 05	Coops for sheep		shee	p bre	ede	r		85
79 35	Dogs as sheep pro	tecto	rs. heir	mut	on.	****	*****	68
30 31	Dog vs sheep Drouth and sheep.							60 85
99	Fairy tales about	y Sai	nuel	Arc	her.			. 101
85 63	flocks, large Flocks of sheep	2000	P					293
95 75	Foot rot in sheep.						****	117
77 77 50	Gentry, R W's a	heep		****	****			80 285 80 285
61	Grease and wrink	in s	n sh outh	Mis.	DO	i		109
95 19	Grubs in head of a Hampshire lamb.	heer					51	17 865 865
11	Hurdling sheep	shee	p are	e kep	ion.		****	261
43 43	J. wett and McCul Lambs chilled	oy.				****		397
43 39	Lambs dieing	9						125
63 71	Lambs for market.	t off	tal a				10	9 3-1
19	Lambs deing Lambs for or y m Lambs for or y m Lambs for market. Lambs to keep fro Lamb cholera	m di	seat	0			*****	961
27 77 45	Lambing in Missi	lasip	pl	dog				189
115	Liver rot. Merino weol Merino sheep, by Merino sheep, by Merino sheep, by Merino sheep, by Missouri as a sheep Missouri wool gro Missouri wool gro Mutton for food. Pooling wool Profits of sheep ra Purchasers of shee Ram fleeces of R. I. Ram peddlers Ram shearing. Ram, qualities of		8					93
81 47 95	Merinos, light and	R W	Ger rk to	p				245
08	Missouri wool gro	wer	8' a	social	rep	n	11	6 125
27 27	Mutton and wool. Mutton for food	****						341
85 35	Profits of sheep ra	ising	in'	Texa	8		16	321
18	Ram fleeces of R M	f Be	11 &	Son.				237
79 31	Rem peddlers Ram shearing Ram, qualities of Rams from Calife Rules for sheep ke R M Bell's creay Scab, Scab, laws relatin Scate of points Shannon county, Shearing sheep. Selling wool Selling wool Selling wool., by d Soo ch collies					****		12
35 75	Rules for sheep ke	eper	heen					261
63 39	Scab. Scab, laws relating	to.					5	21.60
165 107	Scale of points	Мо,	for	hee				205
71 19	Sheds for sheep	• • • • •	• • • • •	,			1	. 141 57 181
67	See ch collies	CG	m					165
285 99 285	Shropshire sheep.	n M	issou	iri	****	2	05 8	181 17 365
91	Southdown	mo	h					349
59 47 163	Sheep books	s of.						30
135 348 213	Southdown	or	ror					29
213 251 75	Sheep for be the wes	ool a	nd n	nutto	n			3/9
291 251 831	Sheep, how to im	sho	uld y	we e	it			85
507 395	Sheep in winter	lisso	ari			• • • • •	• • • • •	5
347	Sheep in the south Sheep in Texas	1				45	218 2	68 197 45 801
	Sheep in Arkan a	ard		• • • • •			109 9	08 888 93
	Sheep in central A	tlasi	selp	pl		****	i	41 157
	Sheep, kind of w	ante	d	•••••				400
309	Sheep men in Kar	naas.	All	en				109
28	Sheep near large of Sheep on a Boone	cou	nty i	farm		****		58
397 285 333	Sheep premiums	at St	Lou	lie fe	ir.		4 5	21 897
$\frac{269}{277}$	Sheep shed, plan Sheep shipped to	of.	ope.	-016	audi 			149
120 820	Sheep ticks Sheep visiting							95
404 258 878	Small flocks of al	leep.	****		****		*****	
213	Successful sheep :	men.	olen	goo	ds.	****		277
260	Tennesseeter and	eno e	TOW	ers				
149	Traveling sheep.	****	****					000
135	Wool, concerning Wool, how to sell	g w	ol					269
200 349 349	Wool growing in	Te	Xas.	Ter	88.	••••	*****	293 293
31	Wool in north M Wool serters dis	ease.	ıri					317
28! 2H		ve of		*****		****		226
349 219								

	POULTRY YARD.
۱	
1	Asthma
	Bones for poultry
1	Canonizing fowls
1	Charcoal Charcoal and lime
	Chargon for eyes
	Charconi for eggs. Chicken cholera, how to prevent
1	Cholera, alum water for
3	Cholera, alum water for
3	Cholera, inoculation for
5	Comba variaties of
	Diarrhosa in fowls
8	Disease of poultry
5	Diseases of poultry
7	Diseases in poultry
9	Farin chickens Q W Pleasants
ő	Dominiques, American Early chickens, G W Pleasants. Eggs as food. Eggs, constituents of.
3	Eggs, constituents of
7	
7	Eggs hatched artificially. Eggs how to breed for. Eggs, how to keep
5	Eggs. how to breed for
i	Eggs in winter89
5	Eggs to set
5	Enemies to noultry
7	Excrements of sick b'rds
777	Exhibition birds, care ofFeed rack for poultry
3	Fence for poultry
0	Fence for poultry. Floors f r pou try houses. Food for fowls. French way with poultry.
7	Food for fowls
5	French way with poultry
7	Gapes, cure for
i	Ganes lime dust for
1	
3	
11	
"	Hennery, a big one
7	Killing noultry for the French.
w	Lice, not cholers
59	Lice on poultry
67	Lice on poultry Management of chickens. Marke ing poultry
LV Ni	Marketing politry
13	Moulting sea, on hy G W Pleasants
39	Packing eggs
32	Parasites on poultry
77	Pigeon lofts

0	Plymouth Rocks	i
4	Plymouth rocks as layers	
1	Poultry breeding profitable	
1		ì
1	Paultry, care of	
ł	Poultry farm	۰
4	Poultry laris	١.
4	Poultry for profit. Poultry, how to o'can and select	
4	Poultry, new to o'ean and select	٠
1	Poultry, how to keep	8
3	Poultry hints	*
9	Poultry interests, G W Pleasanta	,
3	Pou'try notes	0
L	Poultry on the farm	
3	Poultry show at St. Louis	
ľ	Profit from hens	
7	Robin roost	
	Roup and cholers	
3	Ronp. cause o	
7	Roup, salphur fox	
3	Rules for poultry raising	
5	Scaly lega	*
1	Scurvy legs	•
	Shelt r for	•
	Supflower for poult y	
	Postor to make come	*
	Torkey, fow-to carve	
	Utilizing feathers	
	Wild pigeons, how secured for traps	*
	Winter laying, toroing	*
7	A STATE OF THE PARTY OF THE PAR	
7		
•	COOP STRATE	

GOOD HEALTH,

	A SECTION	S. VICE S	
Anti-feve	r trees		
Beet tra.	n trees. how prepared. liscase and ice y	********	
Bright's	lisease and ice v	rater	
Buttermi	scalde, eggs for	thfulness	
Carballa	said for postula	es holls et	n n
Chille, ci	re for		
Cold teut	canae of		
Cold, hor	v to treat		
Cold, tak	ingt for		
Congh ev	PHILIP		and a second second
Con ump	ion		********
Consump	tion. tion infections. tives, diet tor. a, blistering fo	**********	
Diphther	a blistering to		
Diphthe	a cure for	***********	
Diphther	a cure for a, lemon juice i car of	or	
Disease,	Par of		
Esting to	muc		
Feet, dre	sing children's.	**********	
Felan, eu	re 10r		
Food, wh	o muc saing children's re for ague. at kind for healthealth.	h	
Fruit for	health	**********	
Hands, c	ore ofbia, cure for		********
Hydrophe	bia, cure for		
Lemon Ju	o cure ague how to bave	********	
Lemons t	cure ague		
Medical u	res of eggs		
Milk. ho	r it should be to	iken	
Mustard	res of eggs v it should be to s doctors plaster with syl ding, remedy for	rup	
Nose b ee	ding, remedy fo	r	
Odor of b	uman hair		
Polsonir	cure for	*******	
Poisoning	oak ren edy fo	r	
Pulse bea	ding, remedy four man hair	minute	
Quick lin	e for outside po	sons	
Quinine r	anufactory		
Salt for	poplexy		
Sick, call	te of mad dog ing on the ache, cause o5.	**********	
Sick bead	ache, cause o5.	**********	
Sleep, h	w to get		
Small po	lemon for		
Snake bit	w to get		
Tape Wor	m, now to kill	*********	*******
Tobacco	injurious		
Wall pap	injuriouser poisohous g cough		
Whoopin	g cough	**********	*******

HORSE DEPARTMENT.

	HORSE DEPARTMENT.
	Arab horse maxims
	A ab'an horses of U S Grant
ŀ	Arab horse maxims. Arab horse of U S Grant. Breaking halter pullers. Breading race horses. Breading trace horses.
l	Breeding tr. tters
ŀ	Brood mare, a remarkable. Brood mare, value of a good one. Brood mares, treatment of. Case horses of J I.
l	Brood mares, treatment of
l	Case horses of J I
Į	Colt trotters.
Į	
l	Colts hurt by heated milk
ì	Colts, prem ture training of
I	Colls hurt by heated milk. Colts hurt by overheated dams. Colts, prem ture training of Cribbing horses. Demand for good horses. B49 Dentity of the stable Di case of horses. Education of horses. 223
ļ	Dentistry of the stable
Ì	Di ease of horses
ł	Fairs, racing at
Ì	Fairs, racing at. Famous Long Island more Feed and care of horses
Ì	Feeding driving norses
l	Flying childers
l	FOOD for horses
İ	Pombalita minuta m
I	Grain for horses
Į	Grain for horses. Hay, how to feed. Horse barn, a model. Hor e breeding in Texas.
1	Hor e breeding in Texas
į	Hore points. Horse points. Horse poisoned by eating oleanders. Horses por Cressy on. Horses, deconcy toward. Horses for the saddle. Horses for the saddle. Horses what to breed.
1	Horse shoeing
1	Horse, decongy toward
1	Horse's legs
ì	Horses for the saddle
d	Horses, what to breed
	Horses, what to breed
1	Hoofs of horses. How to judge a horse. Individuality of the horse. Kind treatment of horses. Lung indammation. Maud 8 and 8t Julian Merohant, sale of.
d	Individuality of the horse
	Long inflammation
Ì	Maud Sand St Julian
	Merchant, sale of
	Norman horses, national register of
1	Park horse. Park stallions, premiums for
1	Pledmont
	Pink eye
	Riders, voung lady
	Ring bone, treatment of
	Rochester trotting meeting
	Piedmont Pink eye. Powell Bros, horses of. Riders, young lady. Ring bone, treatment of. Roadster, the New England Rochester trotting meeting Rysdick's hambletonian. Saddles.
	Saddles
1	Scaatches
	Scaatches
١	Spinal meningitis among horses
	Spred from speed
	Stallion at close of season
	Sheeing horses. 157 Sping meningitis among horses. 157 Sping meningitis among horses. Spred from speed. Stallion at close of season. Stallion management of. Stallion race at Rochester
	CLADICE
	Stumbling horses
	Sweetheart and Phil Thompson
1	Thoroughbred horses
	Trinket, pedigree of
١	Sweeny sweetheart and Phil Thompson Thoroughbred horse, what is a Thoroughbred horses. Trinket, pedigree of Trotters and walkers Trot ers, how to breed. Trotting records
	Troiting records
	Thrush
ø	The state of the s

APIARY DEPARTMENT.

338	Disease, a new843	Adulterated noney "
285	Tilesense of monteum	Aleike clover for bees -
293		Ants and bees
87		Arra gement for the apiary
809	Forty objectors G W Pleasants 198	Bass wood or linn, for bees -
260	Early chickens, G W Pleasants. 128 Eggs as food. 186 234	Bee hives, how many in U. S.
13	Eggs, constituents of	Bee culture W. S. Sear
77	Eggs, constituents of	Bee notes
907	Kggs consumed in this country	Bees ·
897	Eggs hatched artificially 228	Bees, a new race of
277	Eggs. how to breed for 290 Eggs, how to keep 289 323	Bees in Egypt
325	Eggs, how to keep	Box haney, how to get
301	Eggs in winter89 855	Candy for queen cages
365	Eggs to set	
45		Drones, removing
117	Excrements of sick b'rds	Dysentery
397	Exhibition birds, care of	
317	Feed rack for poultry11	Facts for heginners
.373	Fence for poultry	Feeding bees in winter -
. aue ;		
. 77	Food for fowls	
40	Franch was with nonling	arome, and
. 5		
237	Gapes in chickens	Humble bee for New Zealand
292	Gapes in chickens	Italianizing bees
301	Gaues tobacco smoke for	Jones' champion bee keeper -
218	Guinca fowls	Mysteries of bee keeping -
.261	Guille Fowls Hatches, late	Paralysis in bees r
.281	Hennery, a big one	Price of honey
405	Jereey blues	Queen bee -
.237	Killing poultry for the French	Oreen plenty of room
349	Lice, not cholers	Queens, how to introduce
269	Lice on poultry	nocky Mountain bee plant
	Management of chickens	Shade for bee hives
.117	Marke ing poultry L383	Street of boats
.180		
.213	Marke-ing ponitry	Swarming avtraordinary .
200	Packing eggs395	Company to a continue
292	Parasites on poultry	Wintering heat
397	Pigeon lofts243	Wintering bees J. L. Diehl
.189		Wintering bees, J. L. Diehl - Yellow bees without sting -
405	Plymouth Books, by F H Corbin	XGHOM DOOR MITTIONS SETUR

71	DAIRY DEPAR	TME	NT		
75	Adulterating butter, Illinoi	e law	for		.4
87 95	After birth, retention of Age of catile by rings on hor	Ser les			1
95	American cheese	TD8	*		.8
47	American Jerseys the best				34
	American Jerseys the best Best butter on small farms				36
95	Butter and cheese how a		-		82
68	Butter, best package for b	cenin	Q .		B
03	But er, bitter -		•		1)
20	Butter, best package for a But er, bitter Butter bitter, remedy for Butter cows			111 127	26
79 11					7:1
07	Butter cows pasture for Butter easily tainted				10
86	Butter, eggs and cacese Butter from lard				Dh
44	Botter fraud, the latest	- Non-			199
	Butter fraud, the latest Butter, bow kept				2
83	Butter, how to salt Butter how mude Butter in brine Rutter keeping in hot		-		18
43	Butter in brine			001	25
111		r		221	20
86	Butter making, errors in Buttermi k		-		28
62	Butter, what does a nound ec	at.	-	-	301
	Buiter, why poor			271	375
	Calves, rate ing by hand -		. 3	107	354
	Calves, what to raise for the	GR'F	1	A In	78
-	Care of young animals			7	41
	Centri prelin delinials -				38
47	Centrifugal cre m raising -			*	10
22	CHOS G HOM INTO	1			56
82	Cheese from potatoes -	2/2 18		- 95	185
42 27	heese Limburger, how mad	10			160
20	Churning, difficulties in				100
75	Churning, difficulties in Churning hard, cause of			-	14
71	Churning to goon	-	-		30
19	Churning to soon Cleanline s in milking		-	-	85
MES I	COTH TOUGHT for COWS .	0.17		178	39
27	Cows the crown of the farm		-		20
89 79	Cow, a good Cows, the crown of the farm Cows, breeds of Cows, Jersey Cows, keep in milk		-		-
03	Cows, Jersey				-
95	Cows, teep in milk - Cows, two in one skin		-		- 80
16	Creamery association. Hatfle	eld -			- 30
54 88 63	Creamery association, Hattle Creamery at Humboldt, Is Creamery vs farm dairy		-		24
63	Creamery vs farm dairy -	11/10		- 8	7 33
67 06	Creameries in N Y	201	-		3
98	Creamerles in Penn				7
38	Creameries in the east		*		2
68	Creameries, plau of -	-			20
940	Dairy convention, national	1	-		3
27	Dairy cows Dairy farming		-		H
90	Dairy, our little .			-	77
39	Da'ry schools -		*		-
10	Dairy stock, how to selec	I.			*
23 16	Dairy stock in Holland Dairy vessels	48		-	3
26	Dairying in winter -				3
70	Disrrhœs in cows -	-		*	-
32	Factory at Wheaton, ill Factory or home dairying			-	2
19	Factory system, advantages Garget in cows	of			1
47	Garget in cows	•			
89	Grain for cows Heifers, training		-	195	2
54	Hint to butter makers	1000			4
75	MOAGU OLD OUT IN COMP	10.00	- 4	-	2
32	How to milk			2:	2
19	Jersey cattle, how to breed Jersey cattle, how to breed Jersey cows, why best for	CA	-	100	1
66	J. reey cows, why best for	butt	CF		1
291	MALIK OF CHEEPERS Greens	2		1	1
79 95	Milk in glass jars -	376			
16	Milk actting - Milk in glass jars - Milk periods - Milk for food -				
38	Milk for food Milk houses -	-			1
95	Milk, why it sours in thund	er sto	TIME		2
93	Milk fever, how to preven	1			24
47	Milk cow, external characte	r 01	*		24 5
39	Milk bouse for the dairy Milk f om a farrow cow				90 00
-	Oil-cake for cows and calv		-		3
	Oil meal for cows and calv Oleormargarine, origin of	68			3
	SCHOOL BURERS LIDE, OF WHAT OF		-	- 3	0 3
	Pastures, blue grass for the	Galr	y		
	Pastures, blue grass for the Stables for cows Speying cows	delr			1

	speying cows	
389	1700000	
. 293	GWTHIN DEDINA	£ 100 3700
.389	SWINE DEPARTM	LENT
.381		
.173	Ashes, salt, and sulphur for ho	83
.378	Bacon, how to save -	
.173	Bacon, how to save from the fly	y
.189	Rerkshire pig	
340	Care of brood sows	
5	Cholera hogs, burn -	
897	Clover pasture for hogs	
.197	Corn burnt, a cure for hog chol	era
.253	Corn for pigs	
285	Death, cause of among pigs	
218	Defence of American hegs	
.884	Experiments in pig breeding	
334	Feed for young pigs	100
. 13	Creen down for born	
.205	Green form and money	
316	Atamia, non so preserve	
157	ALIOCA MEETING OF CHILLO	
261	Hog cholera	
.221	Hog cholera a result of trachina	
.261	I wrok's a bring to rep.	
309	Hogs, cheapest way to raise	****
365	1 Hoge, hold peas lot	
7 253		
. 373	Hogs, prospects for higher pric	es .
.309	A A A S A D A S A A A A A A A A A A A A	
.213	INOW A PRINC PAGE	*
. 21		
349		
301	Paralysis -	
. 156	Paralysis in hindquarters	*
178		
205	A MOUNTAIN AND AND OTHER	*
.109	Pig farming	*
236	Pig management -	
.897	Pigs, how to feed	
.285	Pigs, how to grow for market	
1 205	Pigs, how to keep	
189	Pigs, how to ring	
.157	Pork, how to raise -	
.405	Profitable nork feeding .	
.953	Smoke house, how to make	
381	Smoke house, ventilation of	
.287	Soaked corn for hogs	
. 109	Sows, how to feed	43
.101	Sows should not be too fat	-3
301	Swine raising	FIE.
236	Thoroughbred males	11/2
85	Thorodguored manes	12/2/

of the Nations."

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